



## 8. TECHNICAL EVALUATION OF APPLICATIONS

Complete application packages shall undergo technical review according to the procedures described in this section. Figure 12, which follows, provides an overview of the technical evaluation process, which considers numerous characteristics of each application. In order for an application package to pass the technical evaluation process, it must adhere to the following conditions:

- 1) The application package supplies the required technical parameters,
- 2) The application package is consistent with the repacked CAPRAD<sup>10</sup> 700-MHz National pre-allotment channel pool for Region 8 and/or an alternative approach acceptable to the RPC<sup>11</sup> (see Appendix I), and
- 3) The application package must protect licensed assignments (incumbents) and unlicensed allotments under past filing windows.

### 8.1 Stage I: Is the Application Complete?

All technical parameters must be populated to be processed. The RPC Secretary shall notify the applicant by U.S. certified mail with return receipt if the application package does not meet the requirements stated in this Plan.

### 8.2 Stage II: Consistent with the CAPRAD<sup>10</sup> 700-MHz National Pre-allotment Channel Pool?

Each application must be checked by the RPC 8 Technical Subcommittee to ensure that its acceptance would not cause harmful interference to existing licensed systems and allotments.

Where applicable, the Adjacent-Channel Coupled Power Ratio (ACCPR) will be computed for each application, compared to each incumbent.

Each application must be consistent with the CAPRAD 700-MHz National pre-allotment channel pool for Region 8. Any application packages that do not provide the appropriate pool protection as required in Section 9 will be returned to the applicant with information regarding other impacting applications. The applicant will be allowed thirty (30) days to respond.

### 8.3 Stage III: Are there any Conflicts with Other Applications?

All application packages shall be evaluated and prioritized using the application-scoring matrix. If two or more applications are assigned identical scores, the RPUC shall — by consensus —

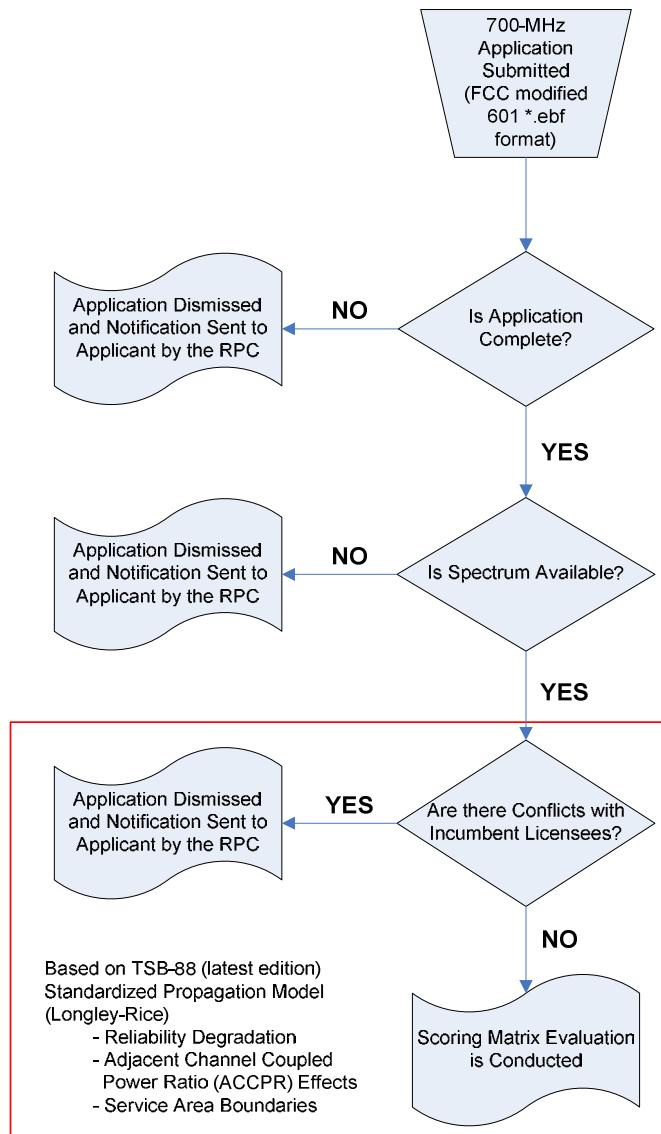
---

<sup>10</sup> The channel allotments provided in this Plan reflect the repacking of CAPRAD as per the Second Report and Order, adopted on July 31, 2007, and this RPC's elections for channel block size, combiner separation, and capacity options.

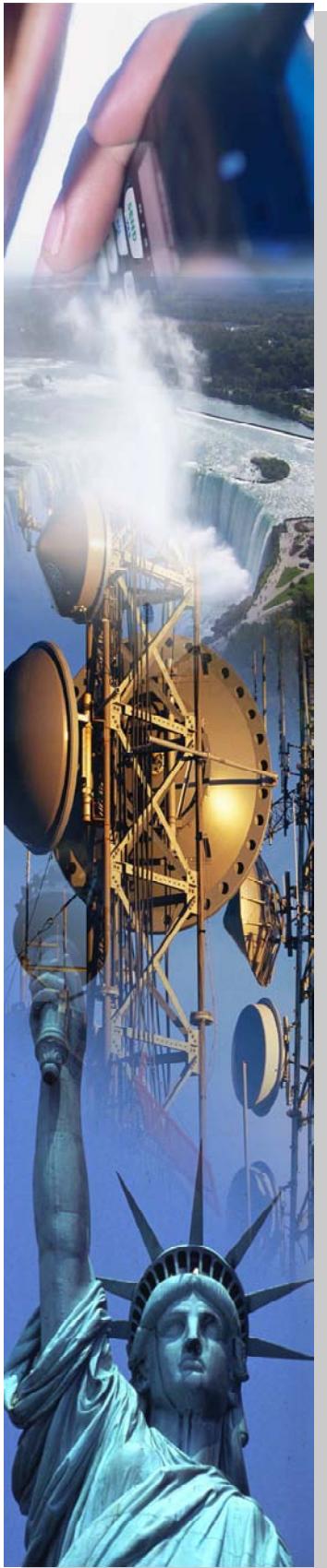
<sup>11</sup> During the term that such pool allotments are in effect. Please refer to Section 5, Procedure for Requesting Spectrum Allotments.



order this group of applications relative to each other based upon subjective evaluation of the merits of each.



**Figure 12, Overview of Technical Review Process**



## **9. Interference Evaluation Procedure**

This Page Intentionally Left Blank



## **9. INTERFERENCE-PROTECTION CRITERIA AND SYSTEM-DESIGN SPECIFICATIONS**

This section defines the interference-protection criteria, system deployment constraints, and assumptions that Region 8 employs in its application-evaluation process.

### **9.1 Recommended System Reliability**

It is recommended that proposed facilities in Region 8 be designed to provide 50 dB $\mu$  (-82 dBm) received-power levels for reliable portable-coverage operations, and 40 dB $\mu$  (-92 dBm) received-power levels for reliable outdoor mobile-coverage operations.

### **9.2 Coverage- and Interference-Prediction Methodology**

Both TSB-88 (latest edition) and the Longley-Rice propagation model in median mode (50/50/50) shall be used to evaluate coverage and interference for proposed systems in Region 8. The Longley-Rice model is used because it is freely available in the public domain and has consistent implementations across propagation-modeling programs of different sources, unlike the Okumura-Hata-Davidson model. All radiated- and received-power levels are referenced to a dipole antenna. Please see Appendix G, Antenna Pattern Information Form.

### **9.3 Responsible Radiation Control and System Design**

In order to promote responsible use of 700-MHz spectrum resources, all applicants are required to control unnecessary radio-frequency (RF) radiation. Therefore, for all proposed facilities within the Region, 80% of the 50 dB $\mu$  (-82 dBm) Protected Service Area (PSA) must lie within the jurisdictional boundary plus an eight-kilometer buffer zone. The 50 dB $\mu$  (-82 dBm) PSA shall be assessed using Longley-Rice analyses.

### **9.4 Pool-to-Pool Reliability Degradation Threshold**

Applications for facilities that have been pre-allotted within the National Pool (in-pool assignments) are required to provide co- and adjacent-channel interference protection to other in-pool assignments.

Each in-pool application (which may consist of multiple facilities) must pose no more than 2.5% Area Reliability Degradation (ARD) at 90% reliability levels to any incumbent's protected service area. All facilities (including licensees and all approved allotments) in aggregate must pose no more than 5.0% cumulative area reliability degradation at 90% reliability levels to any incumbent's protected service area.

The process for determining ARD is as follows:

- Compute the baseline Longley-Rice 3-second (minimum) tile coverage for each incumbent (victim) co- and adjacent-channel licensee within its jurisdictional area.
  - If any co- or adjacent-channel pool assignment remains unused, treat its jurisdiction/county as having ubiquitous 40 dB $\mu$  (-92 dBm) service levels.



- Co- or adjacent-channel pool licenses and or previously accepted facilities shall be protected based upon their facility-specific parameters.
- Evaluate the baseline total number of tiles within the victim jurisdiction that achieve 90% or greater reliability levels using TSB-88 (latest edition) in conjunction with parameters for Channel Performance Criterion (CPC), receiver noise floor, and log-normal standard deviation ( $\sigma$ ). If any co- or adjacent-channel pool assignment remains unused, use the following as its deployed parameters:
  - Receiver Noise Floor = -124 dBm,
  - $CPC_f = 18 \text{ dB}$ , and
  - $\sigma = 7 \text{ dB}$ .
  - These, along with the 40 dB $\mu$  (-93 dBm at 800 MHz), give the following reliability throughout the service area:
$$R^{12} = 1 - Q^{13}/[(-93 \text{ dBm} - (-124 \text{ dBm}) - 18 \text{ dB})/7 \text{ dB}] \approx 97\%$$
- Once a facility-specific application has been granted, the baseline area reliability for co- or adjacent-channel pool licenses and or previously accepted facilities shall be evaluated based upon these facility-specific parameters.
- Evaluate the received-power levels of all proposed facilities at all tiles within the victim jurisdictional area. Combine these into an equivalent interferer using the process outlined in TSB-88 (latest edition).
- Re-evaluate the total number of tiles within each victim jurisdiction that achieve 90% or greater reliability levels, considering the effects of all proposed facilities.
- The ARD is defined as one minus the ratio of the number of tiles at 90% reliability (or greater) considering proposed facilities and the baseline number of tiles at 90% reliability (or greater).

## 9.5 Outside-to-Pool Reliability Degradation Threshold

Applications for facilities that have not been pre-allotted within the National Pool (outside-pool assignments) are also required to provide co- and adjacent-channel interference protection to other in-pool assignments.

Each outside-pool application (which may consist of multiple facilities) must pose 0% ARD at 90% reliability levels to any incumbent's protected service area. ARD is computed as was outlined in Section 9.4.

---

<sup>12</sup> R = Reliability in decimal, converted to percent.

<sup>13</sup> Marcum's Q-function represents the cumulative area under a Gaussian distribution curve:

$$Q_1(a, b) = \int_b^{\infty} x \cdot \exp\left[\frac{-(x^2 + a^2)}{2}\right] \cdot I_0(a \cdot x) dx$$



This reliability degradation threshold also applies to Region 8 in-pool assignments that are proposed outside of their National Pool county area, but allowed under the Region 8 plan as described in Section 9.4.

## 9.6 Evaluation of Adjacent-Channel Effects

The evaluation of adjacent-channel interference will follow Sections 9.1 through 9.5, except that the effective radiated power of the proposed stations shall be de-rated to account for Adjacent-Channel Coupled Power Ratio (ACCPR) effects. Please refer to Table 9, Adjacent-Channel Coupled Power Ratio Values, for the appropriate ACCPR values; note that the channel bandwidth should be larger than the technology-specific emissions bandwidth.

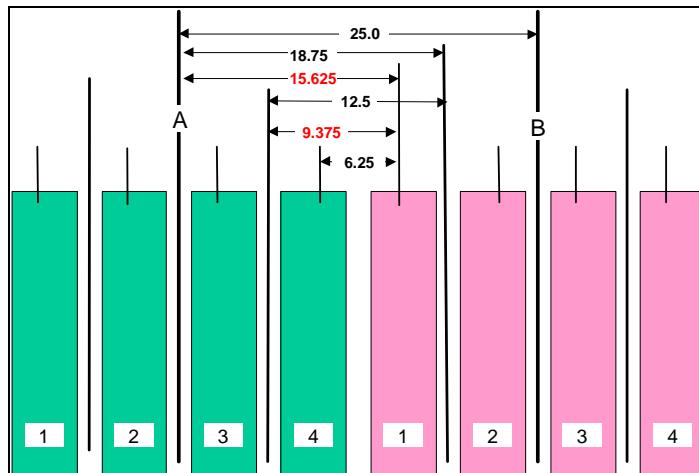


Figure 13, Potential Frequency Separations<sup>14</sup>

Table 9, Adjacent-Channel Coupled Power Ratio Values<sup>14</sup>

Case	Spacing	ACCPR
25 kHz to 25 kHz	25 kHz	65 dB
25 kHz to 12.5 kHz	18.75 kHz	65 dB
25 kHz to 6.25 kHz	15.625 kHz	40 dB
12.5 kHz to 12.5 kHz	12.5 kHz	65 dB
12.5 kHz to 6.25 kHz	9.375 kHz	40 dB
6.25 kHz to 6.25 kHz	6.25 kHz	65 dB

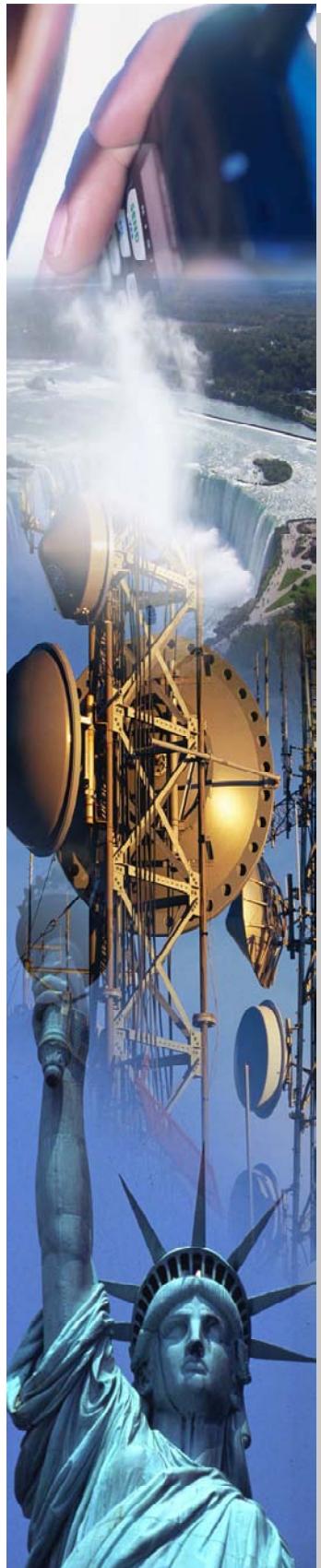
<sup>14</sup> Adopted from the National Coordination Committee, "Pre -Assignment Rules and Recommendations," July 2002.

## FCC Region 8 – 700-MHz Plan

Regional Planning Committee



This Space Intentionally Left Blank



## **10. Administration of the Low-Power Interoperability Channels**

This Page Intentionally Left Blank



## 10. ADMINISTRATION OF THE LOW-POWER INTEROPERABILITY CHANNELS

### Purpose

The purpose of this section is to provide guidelines relative to the use of the Low-Power 700-MHz<sup>15</sup> Interoperability Channels under the authority of the RPC as defined by 47 CFR §90.531(b)(3).

### Eligibility

The following entities are eligible to use low-power channels under the control of the Regional Planning Committee pursuant to 47 CFR §90.523(a) and (b):

- (a) State or local government entities - Any territory, possession, state, city, county, town, or similar state or local governmental entity is eligible to hold authorizations in the 769-775-MHz and 799-805 MHz frequency bands.
- (b) Nongovernmental organizations - A nongovernmental organization (NGO) that provides services, the sole or principal purpose of which is to protect the safety of life, health, or property, is eligible to hold an authorization for a system operating in the 769-775-MHz and 799-805 MHz frequency bands for transmission or reception of communications essential to providing such services if (and only for so long as) the NGO applicant/licensee:
  - Has the ongoing support (to operate such system) of a state or local governmental entity whose mission is the oversight of or provision of services, the sole or principal purpose of which is to protect the safety of life, health, or property;
  - Operates such authorized system solely for transmission of communication essential to providing services the sole or principal purpose of which is to protect the safety of life, health, or property; and
  - Accompanies all applications it submits with a new, written certification of support (for the NGO applicant to operate the applied-for system) by the state or local governmental entity referenced in paragraph (b)(1) of this section.

### Low-Power 700-MHz Channel Use

Frequencies will be used in a simplex or repeater mode as specified within this provision of the Region's Plan for 700-MHz channels. The Plan will combine two (2) channels as contained in 47 CFR §90.531(b)(3) to yield a 12.5-kHz simplex operating frequency. In the repeater mode, four (4) 700-MHz channels shall be combined to yield a 12.5-kHz transmit and a 12.5-kHz receive frequency.

---

<sup>15</sup> On July 31, 2007, the FCC adopted the Second Report and Order (FCC 07-132) relocating the narrowband portion of the 700-MHz public-safety communications band to 769-775-MHz and 799-805 MHz.



## Use within the Region

The low-power 700-MHz interoperability frequencies are limited to transmissions with effective radiated power (ERP) of no more than two (2) watts. These frequencies can be used at the broad discretion of first responders in one of two methodologies — direct radio-to-radio or simplex operation or as an Incident Area Network (IAN) or other low-power technology requiring a repeater capability. The use of these frequencies for official public safety or public service communications is permitted by a single public safety agency prior to the actual invocation of interoperable communications between two or more public safety agencies. Communications of a personal, non-official purpose are prohibited.

## Assignment of Frequencies

Typically, first responders will have broad discretion in the use of these channels. However, if an incident is of sufficient scale to invoke the National Incident Management System (NIMS), the Incident Commander shall determine which low-power interoperability channels shall be used for first responders, as well as determine the use of simplex and/or IAN repeater technology.

## Modulation

Pursuant to 47 CFR §90.525(a), operation on these channels may utilize digital or analog modulation. Analog operations will utilize the 11K0F3E emission type.

## Programming of Frequencies

Eligible licensees are encouraged to program related interoperability frequencies into 700-MHz-capable mobile and portable radios as may be practical pursuant to the Service Assignment tables on the following pages. This programming is not mandatory, as some licensees may not have sufficient capacity in subscriber devices to accommodate these frequencies.

## Service Assignments

Tables of repeater, subscriber, and direct or simplex assignments follows as Tables 10, 11, and 12. These assignments note specific frequencies reserved for EMS, fire, and law-enforcement users. For all other users, Generic Public-Safety/Public-Service frequencies exist that can be used by any eligible licensee as defined by 47 CFR §90.523.

## Repeater/Incident Area Network Operation

From the Department of Homeland Security SAFECOM Statement of Requirements<sup>16</sup>, "An incident area network (IAN) is a network created for a specific incident." "This network is temporary in nature." For the IAN or other repeater operation, the Region will follow the national deployment model; i.e., the lower frequency shall be used for the Repeater transmitter frequency, while the upper channel is employed for mobile/portable transmissions. Repeater operation is identified by the "2" (2-channel) behind the service name, e.g. "7TAC21 meaning 700 MHz (7) Tactical (TAC) Frequency with Repeater (2) frequency 1 (1).

<sup>16</sup> SAFECOM Statement of Requirements, March 10, 2004, Page 6

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



**Table 10, Repeater Service Assignments**

Frequency Identifier	Repeater Transmitter Channels	Repeater Receiver Channels	Applicable Service
7TAC21	1-2	961-962	Generic Public Safety/Public Service
7TAC22	3-4	963-964	Generic Public Safety/Public Service
7TAC23	957-958	1917-1918	Generic Public Safety/Public Service
7FIRE21	5-6	965-966	Fire
7FIRE22	7-8	967-968	Fire
7MED21	949-950	1909-1910	EMS
7MED22	951-952	1911-1912	EMS
7LAW21	953-954	1913-1914	Law Enforcement
7LAW22	955-956	1915-1916	Law Enforcement

**Table 11, Subscriber Service Assignments**

Frequency Identifier	Subscriber Transmitter Channels	Subscriber Receiver Channels	Applicable Service
7TAC21	961-962	1-2	Generic Public Safety/Public Service
7TAC22	963-964	3-4	Generic Public Safety/Public Service
7TAC23	1917-1918	957-958	Generic Public Safety/Public Service
7FIRE21	965-966	5-6	Fire
7FIRE22	967-968	7-8	Fire
7MED21	1909-1910	949-950	EMS
7MED22	1911-1912	951-952	EMS
7LAW21	1913-1914	953-954	Law Enforcement
7LAW22	1915-1916	955-956	Law Enforcement

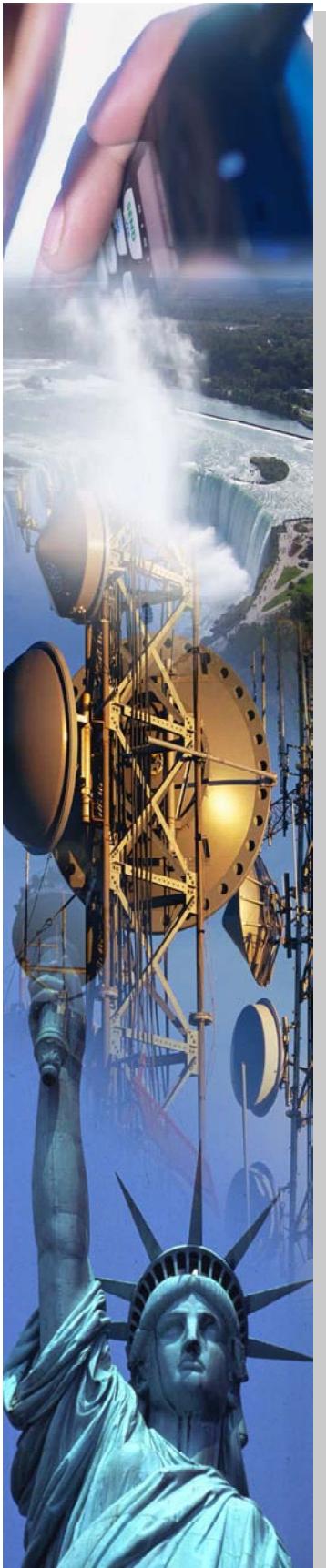
## Direct Radio-to Radio or Simplex Operation

Direct or simplex operation is identified by the "1" (1-channel) behind the service name, e.g. "7TAC11 meaning 700 MHz (7) Tactical (TAC) Frequency with "Direct" or simplex communications (1) on frequency 1 (1). Please refer to Table 12, which follows.



**Table 12, Simplex Communications Service Assignments**

Applicable Service	Channels	Frequency Identifier
Generic Public Safety/Service	1-2	7TAC11D
Generic Public Safety/Service	3-4	7TAC12D
Generic Public Safety/Service	961-962	7TAC13D
Generic Public Safety/Service	963-964	7TAC14D
Generic Public Safety/Service	957-958	7TAC15D
Generic Public Safety/Service	1917-1918	7TAC16D
Fire Incident Management	5-6	7FIRE11D
Fire Incident Management	7-8	7FIRE12D
Fire Incident Management	965-966	7FIRE13D
Fire Incident Management	967-968	7FIRE14D
EMS	949-950	7MED11D
EMS	951-952	7MED12D
EMS	1909-1910	7EMS13D
EMS	1911-1912	7MED14D
Law Enforcement	953-954	7LAW11D
Law Enforcement	955-956	7LAW12D
Law Enforcement	1913-1914	7LAW13D
Law Enforcement	1915-1916	7LAW14D



## **11. TV/DTV Interference Protection**

This Page Intentionally Left Blank



### 11. TV/DTV INTERFERENCE PROTECTION

In accordance with the Code of Federal Regulations Title 47, Telecommunication, Chapter 1, Part 90, Private Land Mobile Radio Services, Section 90.545, the RPC shall ensure that all existing analog television stations and digital television stations<sup>17</sup> shall be afforded adequate interference protection from public safety radio systems operating in the 769- to 775-MHz and 799- to 805-MHz band.

---

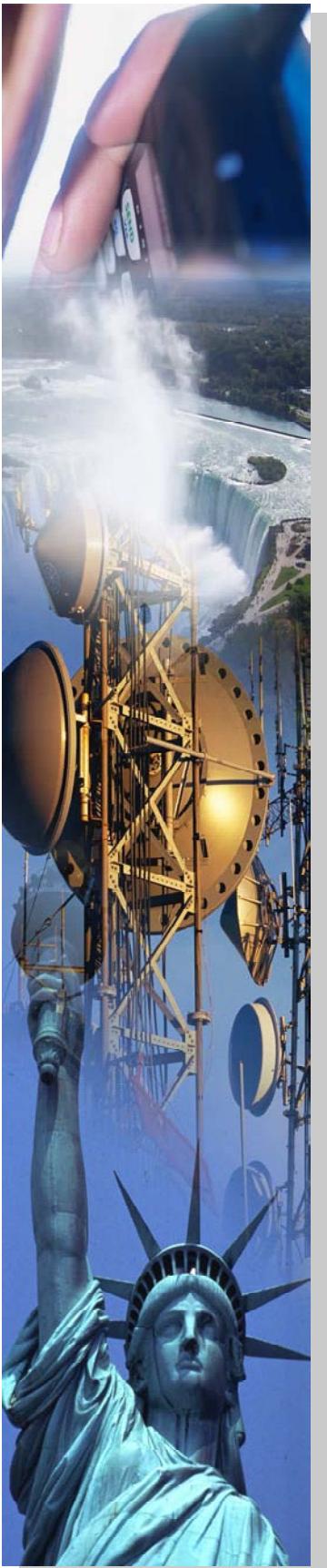
<sup>17</sup> TV channels: 62, 63, 64, 65, 67, 68, and 69.

## FCC Region 8 – 700-MHz Plan

Regional Planning Committee



This Page Intentionally Left Blank



## 12. Frequency Coordination

This Page Intentionally Left Blank



## 12. PROCEDURE FOR FREQUENCY COORDINATION

Region 8 adheres to the 700-MHz General Use channel-allotment pool and shall process all applications and allocate General Use spectrum using the CAPRAD system.<sup>18</sup> Please refer to Appendix I, 700-MHz Channel Allotment Pool as defined in CAPRAD.

After the application is approved by the Committee using the application-scoring matrix and technical-review procedures, the Region 8 CAPRAD manager shall enter and save the applicant's FCC 601 form(s) into the system. Please see Figure 14, which follows.

Next, CAPRAD will electronically send the application to the applicant's preferred FCC-certified Local Frequency Advisor (LFA). At this time, the CAPRAD system will change the status of the frequency allotments to "pre-license." The licensing process will then follow the application-scoring matrix flowchart beginning with block #24.

---

<sup>18</sup> The channel allotments provided in this Plan reflect the repacking of CAPRAD as per the Second Report and Order, adopted on July 31, 2007, and this RPC's elections for channel block size, combiner separation, and capacity options.

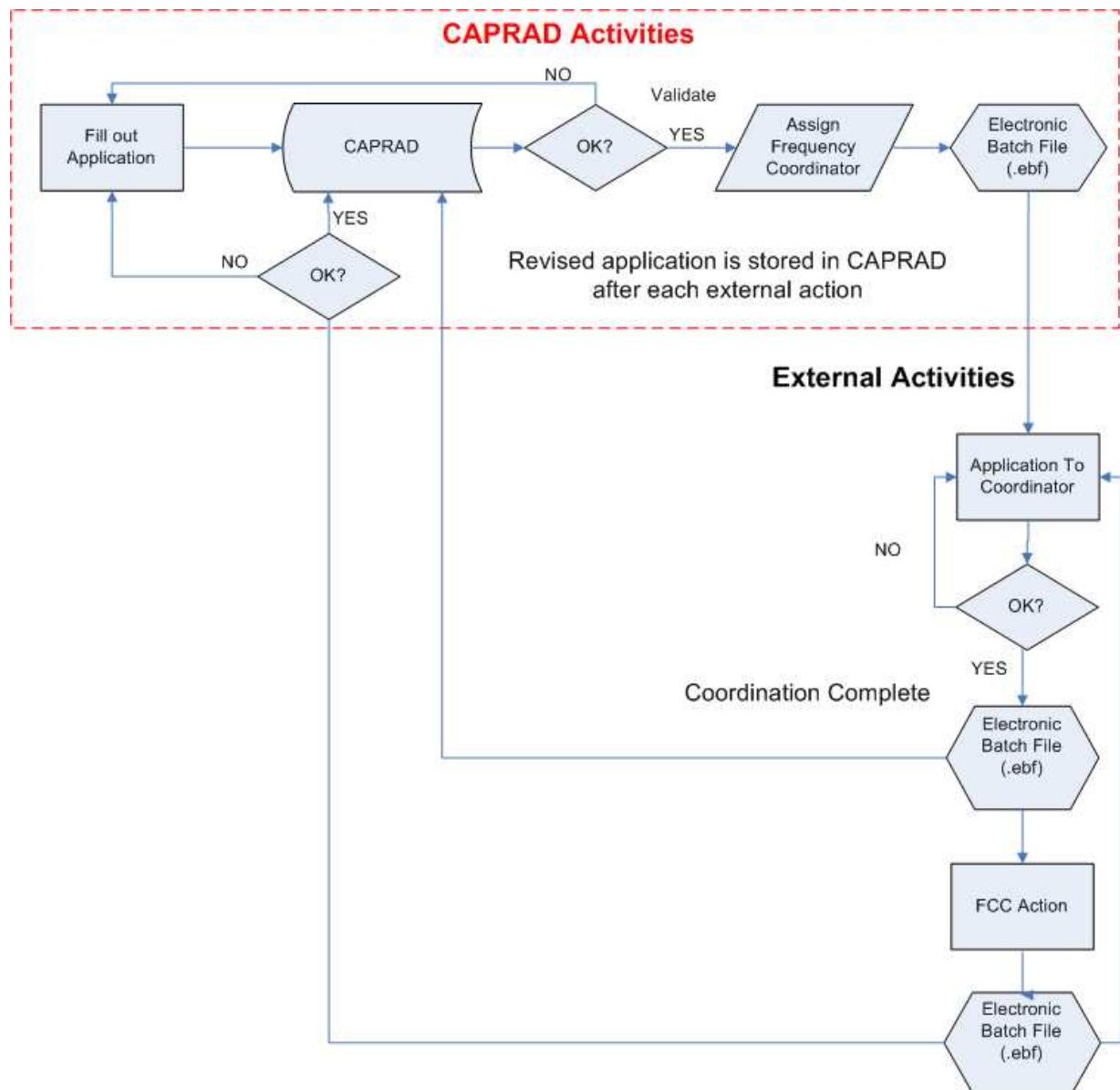


Figure 14, Frequency-Coordination Process<sup>19</sup>

<sup>19</sup> Adopted from the CAPRAD 700-MHz Users Guide, version 1.4.



## 13. Adjacent Region Coordination

This Page Intentionally Left Blank



## 13. ADJACENT-REGION COORDINATION

Regional Planning Committee 8 shall contact the chairpersons of the adjacent regions<sup>20</sup> to coordinate the status of their respective plans. Before submitting the Region 8 - 700-MHz Plan to the FCC, Region 8 shall gain the concurrence of each adjacent region.

Proposed facilities that may cause interference to radio systems in regions adjacent to Region 8 shall be coordinated with the applicable adjacent region(s). Regions adjacent to Region 8 are Regions 19, 28, and 30. Region 19 is comprised of the New England States; Region 28 is comprised of Eastern Pennsylvania, Delaware, and southern New Jersey; and Region 30 is comprised of central and northern New York State. The contacts for these regions appear on the FCC Public Safety and Homeland Security Bureau at:

<http://www.fcc.gov/pshs/>

---

<sup>20</sup> An adjacent region is defined as an FCC RPC that physically borders RPC 8 and/or those RPCs within seventy (70) miles of a RPC 8 border.

## FCC Region 8 – 700-MHz Plan

Regional Planning Committee



This Page Intentionally Left Blank

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



## APPENDIX A, COMMITTEE MEMBERS CONTACT LIST

**Table 13, Committee Contact List**

Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Allen, Ted	Consultant	Booz Allen Hamilton	allented@bah.com		(703) 377-4942		✓
Aron, Carl	Executive Vice President	RCC Consultants	c.aron@att.net				✓
Barsuglia, Jim	Telecom Analyst	New Jersey State Police	barsuglia.jim@gw.njsp.org	Box 7068 West Trenton NJ 08625	(609) 882-2000 x 2755	(609) 882-1463	
Bartholetti, Thomas	RF Design Consultant	Systra Consulting	tbartholetti@systrausa.com	470 7 <sup>th</sup> Avenue, 10 <sup>th</sup> Floor New York NY	(610) 358 – 4396		✓
Bater, Andrew	Manager RF Projects Engineering	Tribune Broadcasting	abater@tribune.com	220 East 42 Street, Suite 400, New York NY 10017	(212) 210-2773	(212) 210-2275	✓
Belliard, Juan		New York City Transit	juan.belliard@nyct.com	2 Broadway, 3rd Floor, D384, New York NY 10004	(917) 804-5161		
Benson, Sean	Communications Coordinator	Paramus Police Department	sbenson@paramuspolice.org	Carlough Drive Paramus, NJ 07652	(201) 262-3400 x 533		
Bianculli, Tony		NYC Department of Sanitation		New York NY	(646) 885-4533		
Birrittella, James	Director Project Development	Westchester County Probation	jbbc@westchestergov.com		(914) 995-3951		
Bishop, Paul Jr.		Dayton T. Brown	pbishop@dtb.com		(631) 965-1529		✓
Bohmer, Rich	Business Analyst	Motorola	rich.bohmer@motorola.com		(201) 447-7663		✓

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Bradshaw, Hugh	Communications Coordinator	NYC OEM	hbradshaw@oem.nyc.gov	11 Water Street, Brooklyn NY 11201	(718) 422-8700	(718) 422-8710	
Brandy, Dane	Sergeant	New Jersey State Police	Lpp4854@gov.njsp.org	Box 7068, West Trenton NJ 08625	(609) 963-6900 ext. 6237		
Buchanan, James	Program Manager	Port Authority of New York/New Jersey	jbuchanan@panynj.gov	Port Authority Technical Center, 241 Erie Street, Room 228, Jersey City NJ 08310	(201) 595-4770		
Burlew, Joseph	Communications Manager	UMDNJ-EMS NJ TF1 USAR	burlewjo@umdnj.edu	65 Bergen Street Newark, NJ 07107	(908) 507-4875		✓
Burns, Michael		Warren County	mburns@co.warren.nj.us				
Byrne, John		CBS-TV	jhbyrne@cbs.com		(212) 975-7015		✓
Carbonell, George	Transportation Radio Supervisor	Connecticut DOT	george.carbonell @po.state.ct.us	280 West Street Rocky Hill CT 06067	(860) 258-0376		
Caronia, Gregory	Division Supervisor	Nassau County OEM	Gcaronia @nassaucountyny.gov	899 Jerusalem Avenue, Uniondale NY 11553-0126	(515) 572-1037		
Catan, Dan	CEO	MCM Technology	dcatan@mcmtechnology.com		(678) 644-4980		✓
Cerulli, Matthew	Radio Technician	New York State Office for Technology, Statewide Wireless Network (SWN)	matt.cerulli@oft.state.ny.us	NYS Office for Technology - SWN Project Office, 74 North Pearl Street, Kenmore Building, 2nd Floor Albany NY 12207-2721	(518) 474-9260	(518) 474-7529	
Chafin, Keith	Regional Account Executive, Government Markets	Dataradio	kchafin@dataradio.com	1110 Gleaves Glen Drive Mount Juliet TN 37122	(404) 386-2818	(615) 754-9802	✓

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Chapeton, Lt. Gregory		Yonkers Fire Dept Communications		5-7 New School Street Yonkers NY 10701	(914) 337-7541	(914) 377-7560	
Cherian, Emil	Engineer	FCC	emil.cherian@fcc.gov		(212) 337-0674		✓
Cimo, Anthony	Engineer	Syracuse Research Corporation	cimo@syrres.com	6225 Running Ridge Rd, North Syracuse, NY 13212	(315) 452-8000		✓
Clampet, Mark	Deputy Director	NYC OEM	mclampet@oem.nyc.gov	165 Cadman Plaza East, Brooklyn NY 11201	(718) 422-8702	(718) 422-8710	
Clarson, Mike	Director	RCC Consultants, Inc.	mclarson@rcc.com		(732) 404-2467		✓
Clay, Larry	Senior Principal Engineer	Raython	lbclay@raytheon.com	1001 Boston Post Road Marlboro, MA	(508) 490-1720		✓
Clinton, Chuck	Program Manager	Port Authority of NY/NJ	cclinton@panynj.gov	241 Erie Street, Room 222, Jersey City NJ 07310-1303	(201) 595-4630	(973) 792-4302	
Cloke, Wayne	Regional Sales Manager, Public-Safety	Recom Wireless, Inc.	wcloke@recom.com	446 Alpine Terrace Ridgewood, NJ 07450	(201) 445-2703		✓
Collins, Denis	Systems Analyst	BAE Systems, Incorporated at DOJ WMO	deniscollins@optonline.net		(516) 742-0419		✓
Colsey, Alan		Rockland County	chiefabc@aol.com	35 Firemen's Memorial Drive, Pomona NY 10970	(845) 267-2912		
Coltri, Norm	Associate Director	RCC Consultants	ncoltri@rcc.com	100 Woodbridge Center, Woodbridge NJ 07095	(609) 654-8196		✓
Cook, David A.	Chief, East Greenbush Fire Company & FCC Region 30 Chairman	East Greenbush Fire Company	dcook@fedeng.com	East Greenbush Fire Company 2813 Phillips Road Castleton NY 12033	(518) 956-2812	(518) 477-6085	

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Cracolic, John	Public-Safety Communications Division	Cisco	jcracoli@cisco.com		(917) 797-7681		✓
Cuva, Paul	Senior Communications Technician	County of Union, New Jersey	pcuva@ucnj.org				
DeFalco, Carmine	Program Manager Wireless Strategy	New Jersey Transit Authority	cdefalco@njtransit.com	1 Penn Plaza East, Newark, NJ 07105	(973) 491-7959		
DeFazio, Frank	Sr. Staff Engineer	Motorola	frank.defazio@motorola.com	85 Harristown Road, Glenrock NY 07452	(201) 447-7582	(201) 447-7800	✓
Degenshein, Britta	Consultant	Motorola					✓
Delaney, Matthew	Radio Engineer	New York State Office for Technology, Statewide Wireless Network (SWN)	matthew.delaney@oft.state.ny.us	NYS Office for Technology - SWN Project Office, 74 North Pearl Street, Kenmore Building, 2nd Floor Albany NY 12207-2721	(518) 474-9281	(518) 474-7529	
Demcoe, Allen	County Radio Systems Coordinator	Middlesex County	allen.demcoe@co.middlesex.nj.us	1001 Fire Academy Drive, Sayreville, NJ 08872	(732) 316-7183		
DeSio, Frances	Captain	Port Authority Police	fdesio@panynj.gov	241 Erie Street, Room 302 Jersey City, NJ 07310	(201) 239-3585		
Devereaux, Jack		Motorola	jack.devereaux@motorola.com	85 Harristown Road, Glenrock NY 07452	(201) 447-7632	(201) 447-7800	✓

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Diegnan, Kevin	Project Manager	NYC Department of Sanitation Office of Waste Management		125 Worth Street 8th Floor Radio Room 823 New York NY 10004	(212) 837-8074	(212) 941-2110	✓
DiRaimo, Salvatore	Principal Engineer	NYSTEC	diraimo@nystec.com	500 Avery Lane, Suite A Griffiss Business and Technology Park Rome NY 13441	(315) 601-0702	(315) 338-6124	✓
Donato, Peter	System Sales & Design	TekTron	P853@aol.com	118 Pennsylvania R.R. Avenue, Linden NJ 07036	(732) 382-1528	(732) 499-8212	✓
Doyle, Thomas		Motorola	thomas.doyle@motorola.com	85 Harristown Road, Glenrock NY 07452	(201) 447-7515	(201) 447-7800	✓
Dzissah, Kwasi	Engineer	NYSTEC	kdzissah@nystec.com	500 Avery Lane, Suite A Griffiss Business and Technology Park Rome NY 13441	(315) 334-7804	(315) 338-6124	✓
Eierman, David	Engineer	Motorola	david.eierman@motorola.com		(410) 712-6242		✓
Epstein, Adam	Radio Project Coordinator	Westchester County	ase1@westchestergov.com	Room 214 148 Martine Avenue White Plains, NY 10601	(914) 995-6375		
Esposito, Frank		Nassau County Police Department		1490 Franklin Avenue, Mineola NY 11501			
Everett, Charles		Union City Police Department			(201) 348-5780		
Feuer, Adam		Rockland County	feuera@co.rockland.ny.us	35 Firemen's Memorial Drive, Pomona NY 10970	(845) 364-8911		

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Fielbig, Edward	Communications Specialist	Metropolitan Transit Authority Police Department	efielbig@mtapd.org		(212) 878-4668		
Finnegan, Bill	Engagement Manager	NJ Attorney General's Office	william.finnegan@lps.state.nj.us	25 Market Street, PO Box 081, Trenton NJ 08625-0081	(609) 633-9092		
Fishman, Douglas	Director - Northeast Region	RCC Consultants	dfishman@rcc.com		(732) 404-2462		✓
Gamba, Mark	Senior Engineer	Port Authority of New York New Jersey	mgamba@panynj.gov	100 Mulberry Street Newark, NJ	(973) 792-4426		
Gardner, William	Director - Police Communications	Suffolk County Police Department	bgct4@aol.com	30 Yaphank Avenue, Yaphank NY 11980	(631) 852-6431	(631) 852-6418	
George, Bill		Systra Consulting	bgeorge@systravsa.com		(212) 494-9111 x 120		✓
Getsinger, Mark	Telecomm Analyst I	New Jersey State Police REMU	getsinger.mark@gw.njsp.org	PO Box 7068, West Trenton NJ 08628	(609) 963-6900 ext. 6229	(609) 883-6912	
Gioia, John	Engineer	NYSTEC	jgioia@nystec.com	500 Avery Lane, Suite A Griffiss Business and Technology Park Rome NY 13441	(917) 232-5128		✓
Golder, Sgt Tom		Nassau County Police Department Radio Office	tgolder@pdcn.org	1490 Franklin Avenue, Mineola NY 11501	(516) 573-7180	(516) 573-7007	
Gosch, Edward	Radio Engineer	New York State Office for Technology, Statewide Wireless Network (SWN)	edward.gosch@oft.state.ny.us	NYS Office for Technology - SWN Project Office, 74 North Pearl Street, Kenmore Building, 2nd Floor Albany NY 12207-2721	(518) 474-9474	(518) 474-7529	

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Greenfeld, Michael	Senior Staff Engineer	Motorola	michael.greenfeld@motorola.com	85 Harristown Road, Glenrock NY 07452	(201) 447-7674	(201) 447-7800	✓
Guingon, Rommel		Alcatel	rommel.guingon@alcatel.com		(212) 273-3618		✓
Harte, Steve	Associate Commissioner - Wireless Technologies	NYC Department of Information Technology and Telecommunications	sharte@doitt.nyc.gov		(718) 403-8540		
Hassett, Jim	Manager Radio Repair OPS	New York City Police Department	james.hassett@nypd.org	1 Police Plaza, Room 900, New York NY 10038	(646) 610-8983	(646) 610-5848	
Hayling II, Raymond	Chief of Public-Safety Communications & Deputy Chief Technology Officer	New Jersey Attorney General's Office & NJ Office of Information Technology	raymond.hayling@lps.state.nj.us	25 Market Street, PO Box 081, Trenton NJ 08625-0081	(609) 984-6995		
Heck, Steve	Engineering Manager	Motorola	steve.heck@motorola.com	85 Harristown Road, Glenrock NY 07452	(201) 447-7739	(201) 447-7800	✓
Heinzelman, William	Director of Communications	Woodbridge Police	william.heinzelman@twp.woodbridge.ny.us	85 Harristown Road, Glenrock, NY 07452	(732) 726-2368		
Henderson, William	Sr. Staff Eng.	Motorola	cegr34@email.mot.com	85 Harristown Road, Glenrock NY 07452	(201) 447-7674	(201) 447-7800	✓
Herman, Lisa		New York State Office for Technology, Statewide Wireless Network (SWN)	lisa.herman@oft.state.ny.us	NYS Office for Technology - SWN Project Office, 74 North Pearl Street, Kenmore Building, 2nd Floor Albany NY 12207-2721	(518) 474-7838	(518) 474-7529	

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Hibbard, Rich	Senior Account Executive	TekTron	rich.hibbard@tektroncorp.com	118 Pennsylvania R.R. Avenue, Linden NJ 07036	(865) 665-4400 x 230	(856) 665-5303	✓
Hoffman, Ron		South Brunswick Inc.	rhoffman@sbtnj.net		(732) 382-1528		✓
Horace, Edmund	Deputy C.O. Communications Bureau	Nassau County Police Department	ehorace@pdcn.org	1490 Franklin Avenue, Mineola NY 11501	(516) 573-7600	(516) 573-7007	
Horst, John	FCC License Coordinator	New York City Police Department - Electronics Section	jhorst@nypd.org	50-16 59 <sup>th</sup> Place Room C-23 Woodside NY 11377	(718) 476-7554	(718) 476-0205	
Hughes, Brian	Vice President	Eastern Communications	bh@easterncommunications.com	48-14 36th Street, Long Island City, NY 11101	(718) 729-2044	(718) 729-2241	✓
Hunter, Michael		RCC	mhunter@rcc.com		(732) 404-2424		✓
Jacobowitz, Neli	Project Manage Intern	MTA/NYCT	neli.jacobowitz@nyct.com	2 Broadway, New York NY 10004	(646) 252-4474		
Johnson, Lance	Director - Spectrum Resources	Sprint Nextel	lance.johnson@sprint.com	2001 Edmund Valley Drive, Reston VA 20175	(703) 433-4476		✓
Johnson, Peter	Radio Project Coordinator	Westchester County	Paj5@westchestergov.com	148 Maritine Avenue Room 214 White Plains, NY 10601	(914) 995-3402		
Karmarkar, Radhika	Senior Counsel	NYC Department of Information Technology and Telecommunications	rkarmarkar@doitt.nyc.gov		(212) 788-6565		
Kerr, Doug	Public-Safety Marketing Director	Carlson Wireless Technologies	dkerr@carlsonwireless.com		(707) 433-2477		✓

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Kersch, Kenneth E.	Information Manager - Station Manager	SBTV-3	kkersch@sbtnj.net	Township of South Brunswick, PO Box 190, Monmouth Junction NJ 08852	(732) 329-4000 x 7317	(732) 274-8864	✓
Kim, Stephen		Invertix Corporation	skim@invertix.com		(703) 813-2195		✓
Klug, Karl W	Deputy Chief, Operations	Suffolk County Health Services Department Div of EMS	Karl.klug@suffolkcountyny.gov	PO Box 6100, Hauppauge NY 11788-0009	(631) 853-8309	(631) 853-8307	
Krader, David	Project Manager	Sprint Nextel	david.krader@sprint.com	6575 The Corners Parkway Norcross, LA 30092	(678) 405-8816		✓
Kratzer, Lieutenant John		New Jersey State Police Communications Bureau	lpp4193@gw.njsp.org	PO Box 7068, West Trenton NJ 08628	(609) 882-2000		
Kurtz, Jack	Project Engineer	New York City Transit	jakurtz@nyct.com	2 Broadway B3.120 New York NY 10004	(646) 252-3798	(646) 252-3476	
Kuttle, Steve		New England Communications Systems, Incorporated	steve@necommsys.com		(860) 632-2678 x 102		✓
Kuzma, Scott	Captain	Woodbridge Police Department	scott.kuzma@twp.woodbridge.nj.us		(732) 726-2314		
Lawrence, Victor	Associate Dean & Professor	Stevens Institute of Technology	Victor.lawrence@stevens.edu	Department of ECE Castle Point on Hudson Hoboken NJ 07030	(732) 407-9500	(201) 216-5636	✓
Leifer, Morton, P.E.	Electronics Communications Specialist	Clarkstown Police Department	m_leifer@town.clarkstown.ny.us	20 Maple Avenue, New City NY 10956	(345) 406-0729		

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Leonard, Tom	Radio Engineer	New York State Police	Tleonard @troopers.state.ny.us	NYSP Communications 1220 Washington Avenue, Building 22 Albany NY 12226-2252	(518) 372-5392	(518) 372-5733	
LePage, Travis	Project Engineer, MBA, PMP	NYSTEC	lepage@nystec.com	500 Avery Lane, Suite A Griffiss Business and Technology Park Rome NY 13441	(315) 334-7822	(315) 338-6124	✓
Lepinski, Mark	Lieutenant	Bergen County Police Department	lepinski@bcpd.org	66 Zabriskie Street Hackensack, NJ 07601	(201) 646-2700 x 450	(201) 336-7777	
Link, Kenneth J.	Communications Systems Analyst	Morris County Department of Law and Public Safety	klink@co.morris.nj.us		(973) 829-8053		
Lombardo, Kevin	Senior Engineering Mgr	800 Transition Administrator	kevin.lombardo @bearingpoint.com		(312) 287-7788		
Louit, Gerard	Project Administrator	New York City Transit	gelouit@nyct.com	2 Broadway C3.26, New York NY 10004	(646) 252-3277	(646) 252-3476	
Lucido, Paul	Communications Department	NYPD	paul.lucido@nypd.org	50 16 59 <sup>th</sup> Place Woodside, NY 11377	(718) 565-4403		
Lyons, Margaret	Director	RCC Consultants	mlyons@rcc.com	100 Woodbridge Center, Woodbridge NJ 07095	(732) 404-2476	(732) 404-2580	✓
Madsen, Peter J.	Project Manager	Port Authority of New York/New Jersey	pmadsen@panynj.gov		(201) 216-2152		
Magee, Jim	ASM	Tyco Electronics	mageeji@tycoelectronics.com	25 Rountree Drive Sicklerville, NJ 08081	(609) 841-4090		✓

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Manion, Robert	Project Manager	NYSTEC	manion@nystec.com	500 Avery Lane, Suite A Griffiss Business and Technology Park Rome NY 13441	(315) 334-7823	(315) 338-6124	✓
Martinez-Bradwell, Maribel	President	R&J Telecom, Inc.	mmartinez5@nycap.rr.com	38 Dussault Drive, Latham NY 12110	(518) 785-1703	(518) 218-9268	✓
Masciadrelli, John	Telecommunications Engineer	Connecticut DPS	john.masciadrelli @po.state.ct.us	1111 County Club Road, Middletown CT	(860) 685-8106		
Matson, Mark		Connecticut State Police	mark.matson@po.state.ct.us		(860) 685-8280		
Maugeu, Ron	Consultant	Fleetalk Management	rjm730@ombargmail.com	31 Fox Hill Drive Franklin, NJ 07416	(973) 827-0483		✓
McArthur, Donald	Lieutenant	Westchester County Police	dfm9@westchestergov.com	1 Sawmill River Parkway, Hawthorne NY	(914) 864-7674	(914) 741-4444	
McDonald, D/Chief Stephen J.	CO Support-Technical	Nassau County Police Department	smcdonald@pdcn.org	1490 Franklin Avenue, Mineola NY 11501	(516) 573-7500	(516) 573-7596	
Mead, Barbara	Account Executive	M/A-COM	Barbara.mead @tycoelectronics.com	432 Clubway, Hackensack, NJ 07601	(201) 410-4675		✓
Meade, Mr. Peter W	Assistant Fire Marshal	Nassau County Fire Commission	Pmeade @nassaucountyny.gov	140 15th Street, Mineola NY 11501	(516) 571-6400	(516) 571-6407	
Meagher, Scott	Engineer	NYSTEC	smeagher@nystec.com	500 Avery Lane, Suite A, Griffiss Business and Technology Park Rome, NY 13441	(315) 271-3169		✓

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Melendez, Felix	Director - Citywide Radio Network Operations and FCC Licensing Support	NYC Department of Information Technology and Telecommunications	fmelendez@doitt.nyc.gov	11 Metrotech 3rd Floor Brooklyn NY 11201	(718) 403-8278	(718) 403-8220	
Melia, Lt. Anthony	Communications Officer & APCO frequency advisor	Essex County Sheriff's Dept, Office of the Chief	meliaa@apco911.org	50 Nelson Place, Newark NJ 07102	(973) 621-4170	(973) 621-4073	
Mihlbauer, Bret	Program Manager	Motorola	bret.mihlbauer@motorola.com	335 Adams Street Suite 700 Brooklyn, NY 11201	(201) 447-7615		✓
Miranda, Oscar		Celplan/WCA	oscar@celplan.com				✓
Mitchell, Lawrence	Radio Engineer	New York State Emergency Management Office	Communications @semo.state.ny.us	Building 22, 1220 Washington Avenue, Suite 101 Albany NY 12226	(518) 292-2266		
Mitchell, Walt		Alcatel	walt.mitchell@alcatel.com		(856) 464-6707		✓
Mojica, Aristides	Captain	Suffolk County Police Department		30 Yaphank Avenue, Yaphank NY 11980	(631) 852-6170	(631) 852-6418	
Morton, Leifer	Project Engineer - Electronic Communication Specialist	Clarkstown Police Department	m_leifer@town.clarkstown.ny.us	20 Maple Avenue, New City NY 10956	(845) 406-0729		
Moy, Philip	Systems Engineer	Motorola	philip.moy@motorola.com	85 Harristown Road Glen Rock, NJ 07627	(201) 447-7615		✓
Mui, Ping	Radio Technician	NYC Department Of Transportation			(718) 417-2079		

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Muller, Karl	Communications Coordinator	Clarkstown Police Department	K_muller@town.clarkstown.ny.us	20 Maple Avenue New Cityh, NY 10956	(845) 639-5872		
Murphy, D/I William	CO Communications Bureau	Suffolk County Police Department	murphywil@co.suffolk.ny.us	30 Yaphank Avenue, Yaphank NY 11980	(631) 852-6440	(631) 852-6418	
Napolitano, Jerry	Market Specialist	Motorola	C40077@motorola.com	335 Adam Street, Suite 700, Brooklyn NY 11201	(914) 447-2703		✓
Nestor, Jody	Interoperability Coordinator	Public-Safety Communications Office	jody.nestor@lps.state.nj.us	200 Riverview Plaza Trenton, NJ 08625-0081	(609) 633-0287		
NG, Nan	Project Engineer	New York City Transit	nang@nyct.com		(646) 252-6773		
O'Hara Sean	Business Area Manager - Analysis, Communications, and Collections Systems	Syracuse Research Corporation (SRC)	ohara@syrres.com	6225 Running Ridge Road, North Syracuse NY 13212	(315) 452-8152	(315) 452-8180	✓
Opee, Beatrice	Engineer	NYSTEC	opee@nystec.com	500 Avery Lane, Suite A Griffiss Business and Technology Park Rome NY 13441	(518) 431-7034	(315) 338-6124	✓
Oza, Miraj	System Engineer	Motorola	miraj@motorola.com	85 Harristown Road, Glenrock NY 07452	(201) 447-7716	(201) 447-7800	✓
Padilla, Juan	Solutions Architect	Motorola	juan.padilla@motorola.com		(201) 447-7540		✓
Pair, Steven		CBS-TV	stevepair@cbs.com		(212) 975-8083		✓
Peterson, John		New York State Department of Health	jrp07@health.state.ny.us		(518) 408-5163		

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Pohorilak, George	Director	DPS Office of Statewide Emergency Telecommunications	george.pohorilak@po.state.ct.us	1111 Country Club Road, PO Box 2794 Middletown CT 06457-9294	(860) 685-8108	(860) 685-8363	
Pollak, Richard	Sr. Sales Engineer	Motorola	rick.pollak@motorola.com	92 Oak Hill Road, Westford MA 01886	(978) 692-4986	(978) 692-3810	✓
Quinn, Myles P.	Chief of Operations	Suffolk County Fire Rescue	myles.quinn@co.suffolk.ny.us	PO Box 127, Yaphank NY 11980	(631) 852-4818	(631) 852-4814	
Raffaelli, Thomas	Project Coordinator Radio	Westchester County	trr1@westchestergov.com	148 Martine Avenue, Room 242, White Plains NY 10601	(914) 995-5912	(914) 813-4154	
Raghunandan, Krishnamurthy	Construction Administrator - Wireless	New York City Transit	krraghu@nyct.com	2 Broadway, New York NY 10004	(646)252-4526		
Ramadan, Nagah	Executive Vice President	RCC Consultants	nramadan@rcc.com	100 Woodbridge Center, Drive #201, Woodbridge NJ 07095	(732) 404-2490		✓
Ramos, Pablo	9-1-1 Coordinator	Rockland County	ramosp@co.rockland.ny.us	35 Firemen's Memorial Drive, Pomona NY 10970	845) 364-8908		
Redding, Robert	Director of Intelligent Transportation Systems	MTA Bridges and Tunnels	rredding@mtabt.org	2 Broadway, New York NY 10004	(646) 252-7122		
Reiner, Craig A.	Director	State of New Jersey Office of Information Technology	craig.reiner@oit.state.nj.us	P.O. Box 212, Trenton, NJ	(609) 777-3698		
Revankar, Vijay	Project Engineer	Port Authority of New York/New Jersey	vrevanka@panynj.gov	2 Gateway Center, 16th Floor, Newark NJ 07102	(973) 792-4455	(973) 792-4302	

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Revis, Mark	Associate Director	RCC Consultants	mrevis@rcc.com	100 Woodbridge Center, Woodbridge NJ 07095	(732) 404-2462	(732) 404-2556	✓
Rhodes, Yorke		IBM	yrhodes@us.ibm.com		(212) 745-4040		✓
Rinehart, Bette		Motorola	c18923@email.mot.com	28 Twin Lakes Drive, Gettysburg PA 17325	(717) 334-0654		✓
Rivera, Darlene	Project Engineer	NYCTA Communications Engineering	darlnene.rivera@nyct.com	2 Broadway 3rd Floor D384, New York NY 10004	(646) 252-4178	(646) 252-2666	
Robertson, John	Director	NYC Department of Information Technology and Telecommunications	jrobertson@doitt.nyc.gov	DoITT City Wide Radio Operations, 1 Centre Street, 22nd Floor, Room 2217, New York NY 10007	(212) 669-2100	(212) 669-2277	
Rocco, John	Sr. Account Manager	Motorola	john.rocco@motorola.com	28 Wood Avenue, Patchogue NY 11772	(631) 654-2058	(631) 447-6609	✓
Rodriguez, Francis	Senior Consultant	RCC Consultants	frodriguez@rcc.com	100 Woodbridge Center, Woodbridge NJ 07095	(732) 404-2477		✓
Romano, Mark	Project Manager	NYSTEC	romano@nystec.com	500 Avery Lane, Suite A Griffiss Business and Technology Park Rome NY 13441	(315) 334-7851	(315) 338-6124	✓
Santaniello, John	Senior Account Manager	Motorola	j.santaniello@motorola.com	85 Harristown Road, Glenrock NY 07452	(201) 447-7583	(201) 447-7700	✓
Schlieman, Robert F	Assistant Director - Engineering	New York State Office for Technology Statewide Wireless Network (SWN)	robert.schlieman@oft.state.ny.us	NYS Office for Technology - SWN Project Office, 74 North Pearl Street, Kenmore Building, 2nd Floor Albany NY 12207-2721	(518) 474-9700	(518) 474-7529	

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Schram, Phil		Motorola	philip.schram@motorola.com		(516) 996-6051		✓
Schwartz, Andy	Director	New Jersey Transit	aschwartz@njtransit.com	One Penn Plaza East Newark NJ 07105	(973) 491-7745		
Scotto, Ron	Engineer	Island Broadcasting	Islandbroadcasting @myway.com	4 Hunters Lane, Roslyn NY	(516) 627-5103		✓
Sena, Kevin		MCM Technology	ksena@mcmtechnology.com		(205) 655-8749		✓
Shakarjian, Mikel	Project Manager	New York State Office for Technology, Statewide Wireless Network (SWN)	mikel.shakarjian@oft.state.ny.us	NYS Office for Technology - SWN Project Office, 74 North Pearl Street, Kenmore Building, 2nd Floor, Albany NY 12207-2721	(518) 474-9491	(518) 474-7529	
Sheehan, James		Paramus Police Department	jsheehan@paramuspolice.org		(201) 262-3400 x 507		
Shuler, Thomas H	Managing Consultant	SSI Services, Inc Eastern Region Office	tom.shuler@vanadium.com	826 North Lewis Rd, Suite 3, Limerick PA 19468	(610) 495-0844	(610) 495-0846	✓
Simmons, Leon	NYC DOT		lakeim@yahoo.com				
Simonetti, Raymond	Manager of Communications	Port Authority of NY/NJ Public Safety Department	rsimonet@panynj.gov	241 Erie Street, Room 302, Jersey City NJ 07310	(201) 239-3738	(201) 239-3884	
Smith, Conroy	Project Engineer	NYC Department of Information Technology and Telecommunications	csmith@doitt.nyc.gov	11 Metrotech, 3rd Floor, Brooklyn NY 11201	(718) 403-8430		
Smith, Sgt. Donald	Tech Services	Westchester County Correctional Dept Technical Services	dds4@westchestergov.com	HQ Bldg, Woods Road, PO Box 389, Valhalla NY 10595	(914) 231-1435	(914) 231-1425	

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Snyder, David		Snyder & Snyder, L.L.P.	dsnyder@snyderlaw.net		(914) 335-0700		✓
Speidel, Robert J.	Manager Regulatory Programs	Tyco Electronics	Speidelbo @tycoelectronics.com	PO Box 2000, 221 Jefferson Ridge Pkwy, Lynchburg VA 24501	(434) 455-9465	(434) 455-6764	✓
Stanford, Annemarie	DSM	Tyco Electronics	Stanfora @tycoelectronics.com	1 Research Pkwy, Meridan CT 06450	(203) 639-7066	(203) 639-7069	✓
Stemmer, Mike		Connecticut State Police	mike.stemmer @po.state.ct.us				
Stern, David	Vice President	V-Comm	david.stern @vcomm-eng.com		(609) 655-1200 x 323		✓
Stile, Vincent R.	Project Assistant	New York State Office for Technology Statewide Wireless Network (SWN)	stilevin@nvbb.net	44 Kent Lane, Centerbeach NY 11720	(631) 846-3686	(631) 852-6418	
Stogner, Warren		Eastern Communications	warren@stogner.ws	48-14 36th Street, Long Island City NY 11101	(718) 729-2044	(718) 729-2241	✓
Tedona, John	Senior Account Manager	Motorola	jtedona@motorola.com		(201) 841-6237		✓
Tedona, John		Motorola	john.tedona@motorola.com		(201) 447-7811		✓
Tenney, Richard		Invertix Corporation	rtenney@invertix.com		(703) 813-2159		✓
Testa, Anthony		IBM	atesta@us.ibm.com				✓
Thornton, Michael	AM	Flarion Technologies	m.thornton@flarion.com	135 Route 202/206, South Bedminster NJ 07921	(201) 788-6957		✓

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Thorpe, Stephen	Supervising Communications Technician (Ret), Bureau of Telecommunications	County of Union	set41249 @thorpefamily.us	10-C Seafoam Avenue, Winfield Park NJ 07036-6621	(908) 358-8062		✓
Touroonjian, Richard	Director	RCC Consultants	rtouroonjian@rcc.com	100 Woodbridge Center, Woodbridge NJ 07095	(732) 404-2428	(732) 404-2556	✓
Tuttle, Chris	Emergency Operations Manager	Port Authority of New York/New Jersey OEM	ctuttle@panynj.gov		(201) 595-4696		
Valatkavage, John	Engineering Group Leader	Motorola	john.valatkavage @motorola.com	85 Harristown Road, Glenrock NY 07452	(201) 447-7541	(201) 447-7800	✓
Vallarelli, John M.	Lieutenant - Project Manager	MTA Police Department	john.vallarelli@nyct.com	2 Broadway, A8.99, New York NY 10014	(646) 252-2692		
Varghese, Mariam	System Engineer	Motorola	mariam.varghese @motorola.com	85 Harristown Road, Glenrock NY 07452	(201) 447-7790	(201) 447-7800	✓
Vaughan, Corey	Consultant	NYSTEC	coreyvaughan@gmail.com				✓
Vaughan, Don	Senior Engineer	NYSTEC	dvaughan@nystec.com	1209 Turf Drive, Oceanport NJ 07757	(732) 542-8033	(732) 542-2912	✓
Velez, Ed	Manager of Radio Systems	New Jersey Transit	evvelez@njtransit.com	180 Boyden Avenue, Maplewood NJ	(973) 378-6579		
Vogel, Emil T.	Principal Engineer	Vogel Consulting Group, Incorporated	Vogelconsulting @optonline.com	105 Deer Trail, Ramsey NJ 07446	(201) 327-8083	(201) 327-0846	✓
Volk, Michael	Chief, EMS Communications	Westchester County Department of Emergency Services	mkv1@westchestergov.com	4 Dana Road, Vahalla NY 10595	(914) 231-1684		

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Walsh, Lt. Neil		NYC Police Department	nwalsh@nypd.org	1 Police Plaza Room 900, New York NY 10038	(212) 374-5545	(212) 374-2477	
Walsh, Mike	Director	NYSTEC	mwalsh@nystec.com	100 State Street, Albany NY 12267	(212) 599-4599	(518) 431-7037	✓
Walsh, Stephanie		Motorola	stephanie.walsh @motorola.com	85 Harristown Road, Glenrock NY 07452	(201) 447-7525	(201) 447-7800	✓
Warhol, Dan	Lieutenant	Union County OEM	dwarhol@ucnj.org	300 North Avenue Westfield, NJ 07090	(908) 654-9883		
Weinberg, Capt Kenneth		Motorola	ken.weinberg @motorola.com	85 Harristown Road, Glenrock NY 07452	(201) 447-7559	201) 447-7800	✓
Westmoreland, Doug	Consultant	NYSTEC	dwestmoreland@nystec.com	100 State Street, Albany NY 12267	(518) 431-7036	(518) 431-7037	✓
Williams, Doug	Regional Manager	Tyco Electronics	Williamdo @tycoelectronics.com	One Executive Centre Drive, Suite 205, Albany NY 12203	(518) 869-2211	(518) 869-3710	✓
Williams, Ilse		NYC Department of Transportation			(718) 417-2078		
Williams, Tom	Consultant	Fleettalk/Sprint	panthers1965@msn.com		(973) 477-8435		✓
Withington, Paul		Lockheed Martin	paul.withington@lmco.com				✓
Wolfe, Michael	Technical Services	Warren County	mwolfe@co.warren.nj.us		(908) 835-2049		
Wright, Scott	Telecommunications Engineer	Connecticut DPS	scott.wright@do.state.ct.us	1111 Country Club Road PO Box 2794, Middletown CT 06457-9294	(860) 685-8280		
Yurman, Joseph	Principal Engineer	NYC Transit Authority	joseph.yurman@nyct.com	2 Broadway, 3rd Floor D3.84, New York NY 10004	(646) 252-3231	(646) 252-2666	

## FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	E-Mail Address	Work Address	Phone	Fax	Non-Voting Member
Zarwanski, Jerry	Telecommunications Engineer	DPS Office of Statewide Emergency Telecommunications	jerry.zarwanski@po.state.ct.us	1111 Country Club Road PO Box 2794, Middletown CT 06457-9294	(860) 685-8157	(860) 685-8363	
Zito, Paul	Telecommunications Engineer	Connecticut DPS	paul.zito@do.state.ct.us	1111 Country Club Road PO Box 2794, Middletown CT 06457-9294	(860) 685-8280		

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



## APPENDIX B, COMMITTEE MEMBERS MEETING ATTENDANCE ROSTER

Table 14, Attendance Roster

Name	Title	Organization	5/1/2002	11/6/2002	2/25/2003	6/25/2003	9/10/2003	11/6/2003	1/8/2004	4/6/2004	6/22/2004	11/3/2004	3/2/2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008
Allen, Ted	Consultant	Booz Allen Hamilton																				✓											
Aron, Carl	Executive Vice President	RCC Consultants																															
Barsuglia, Jim	Telecom Analyst	New Jersey State Police						✓	✓			✓																					
Bartholetti, Thomas	RF Design Consultant	Systra Consulting																				✓	✓										
Bater, Andrew	Manager RF Projects Engineering	Tribune Broadcasting								✓	✓																						
Belliard, Juan		New York City Transit																	✓														
Benson, Sean	Communications Coordinator	Paramus Police Department											✓	✓	✓																✓		
Bianculli, Tony		NYC Department of Sanitation	✓									✓																					
Birrittella, James	Director Project Development	Westchester County Probation								✓	✓	✓																					
Bishop, Paul Jr.		Dayton T. Brown																															
Bohmer, Rich	Business Analyst	Motorola																✓					✓	✓									
Bradshaw, Hugh	Communications Coordinator	New York City OEM	✓						✓				✓																				
Brandy, Dane	Sergeant	New Jersey State Police																															

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008
Buchanan, James	Program Manager	Port Authority of New York/New Jersey																								✓	✓		✓				
Burlew, Joseph	Communications Manager	UMDNJ-EMS NJ TF1 USAR																										✓	✓				
Burns, Michael		Warren County															✓		✓														
Byrne, John		CBS-TV																	✓														
Carbonell, George	Transportation Radio Supervisor	Connecticut DOT																	✓										✓				
Caronia, Gregory	Division Supervisor	Nassau County OEM																															
Catan, Dan	CEO	MCM Technology																											✓				
Cerulli, Matthew	Radio Technician	NYS Office for Technology, Statewide Wireless Network															✓																
Chafin, Keith	Regional Account Exec, Government Markets	Dataradio															✓	✓	✓									✓	✓				
Chapeton, Lt. Gregory		Yonkers Fire Department, Communications															✓	✓	✓	✓													
Cherian, Emil	Engineer	FCC																												✓			
Cimo, Anthony	Engineer	Syracuse Research Corporation																												✓	✓		
Clampet, Mark	Deputy Director	City of New York Office Emergency Management	✓														✓	✓										✓	✓				

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25/2003	6/25/2003	9/10/2003	11/6/2003	1/8/2004	4/6/2004	6/22/2004	11/3/2004	3/2/2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008
Clarson, Mike	Director	RCC Consultants, Inc.																							✓								
Clay, Larry	Senior Principal Engineer	Raython																										✓	✓				
Clinton, Chuck	Program Manager	Port Authority of NY/NJ						✓	✓				✓	✓	✓				✓								✓	✓					
Cloke, Wayne	Regional Sales Manager, Public-Safety	Recom Wireless, Inc.																										✓	✓				
Collins, Denis	Systems Analyst	BAE Systems, Incorporated at DOJ WMO																															
Colsey, Alan		Rockland County																															
Coltri, Norm	Associate Director	RCC Consultants						✓	✓				✓																				
Cook, David A.	Chief, East Greenbush Fire Company & FCC Region 30 Chairman	East Greenbush Fire Company							✓	✓																							
Cracolic, John	Public-Safety Communications Division	Cisco																										✓					
Cuva, Paul	Senior Communications Technician	County of Union, New Jersey																										✓	✓	✓			
DeFalco, Carmine	Program Manager	New Jersey Transit Authority															✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
DeFazio, Frank	Sr. Staff Eng.	Motorola														✓	✓	✓															
Degenshein, Britta	Consultant	Motorola																									✓	✓					

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008
Delaney, Matthew	Radio Engineer	NYS Office for Technology, Statewide Wireless Network												✓																			
Demcoe, Allen	County Radio Systems Coordinator	Middlesex County																										✓	✓				
DeSio, Frances	Captain	Port Authority Police																											✓				
Devereaux, Jack		Motorola																															
Diegnan, Kevin	Project Manager	NYC Department of Sanitation Office of Waste Management	✓																														
DiRaimo, Salvatore	Principal Engineer	NYSTEC							✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Donato, Peter	System Sales & Design	TekTron															✓	✓															
Doyle, Thomas		Motorola																															
Dzissah, Kwasi	Engineer	NYSTEC																															
Eierman, David	Engineer	Motorola																															
Epstein, Adam	Radio Project Coordinator	Westchester County																												✓			
Esposito, PO Frank		Nassau County Police Department																															
Everett, Charles		Union City Police Department															✓																
Feuer, Adam		Rockland County																✓															

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008
Fielbig, Edward	Communications Specialist	MTA PD															✓																
Finnegan, Bill	Engagement Manager	New Jersey Attorney General's Office					✓	✓	✓		✓	✓	✓		✓	✓	✓			✓	✓	✓	✓										
Fishman, Douglas	Director - Northeast Region	RCC Consultants												✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Gamba, Mark	Senior Engineer	Port Authority of New York New Jersey																												✓			
Gardner, William	Director - Police Communications	Suffolk County Police Department	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
George, Bill		Systra Consulting											✓							✓	✓												
Getsinger, Mark	Telecomm Analyst I	New Jersey State Police REMU	✓						✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Gioia, John	Engineer	NYSTEC																✓	✓	✓													
Golder, Sgt. Tom		Nassau County Police Department Radio Office	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	✓	✓	✓			✓	✓	✓	✓				
Gosch, Edward	Radio Engineer	NYS Office for Technology, Statewide Wireless Network																			✓												
Greenfeld, Michael	Senior Staff Engineer	Motorola	✓		✓												✓																
Guingon, Rommel		Alcatel															✓																

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008
Harte, Steve	Assoc Commissioner - Wireless Technologies	DoITT												✓	✓	✓	✓																
Hassett, Jim	Manager Radio Repair OPS	NYC Police Department		✓	✓	✓		✓		✓		✓	✓	✓						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Hayling II, Raymond	Chief, Public-Safety Communications & Deputy Chief Technology Officer	New Jersey Attorney General's Office & NJ Office of Information Technology				✓	✓	✓	✓	✓	✓		✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓							
Heck, Steve	Engineering Manager	Motorola	✓		✓	✓						✓																					
Heinzelman, William	Director of Communications	Woodbridge Police																											✓				
Heinzelman, William	Director of Communications	Woodbridge Police																												✓			
Henderson William	Sr. Staff Eng.	Motorola			✓	✓	✓										✓																
Herman, Lisa		NYS Office for Technology, Statewide Wireless Network																✓	✓														
Hibbard, Rich	Senior Account Executive	TekTron															✓																
Hoffman, Ron		South Brunswick Inc.															✓																
Horace, Edmund	Deputy C.O. Communications Bureau	Nassau County Police Department					✓	✓	✓			✓		✓	✓	✓	✓					✓											

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008
Horst, John	FCC License Coordinator	New York City Police Department - Electronics Section							✓				✓	✓	✓	✓	✓												✓				
Hughes, Brian	Vice President	Eastern Communications		✓	✓	✓	✓	✓				✓	✓	✓	✓					✓	✓	✓	✓		✓	✓	✓	✓	✓	✓			
Jacobowitz, Neli	Project Manage Intern	MTA/NYCT																											✓				
Johnson, Lance	Director - Spectrum Resources	Sprint Nextel																											✓	✓	✓		
Johnson, Peter	Radio Project Coordinator	Westchester County																												✓			
Karmarkar, Radhika	Senior Counsel	NYC Department of Information Technology and Telecommunications																															
Kerr, Doug	Public-Safety Marketing Director	Carlson Wireless Technologies																															
Kersch, Kenneth E.	Information Manager - Station Manager	SBTV-3																															
Kim, Stephen		Invertix Corporation															✓																
Klug, Karl W.	Deputy Chief, Operations	Suffolk County Health Services Department Div of EMS		✓																													
Krader, David	Project Manager	Sprint Nextel																													✓		
Krader, David	Project Manager	Sprint Nextel																													✓		

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	5/1/2002	11/6/2002	2/25/2003	6/25/2003	9/10/2003	11/6/2003	1/8/2004	4/6/2004	6/22/2004	11/3/2004	3/2/2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008
Kratzer, Lieutenant John		New Jersey State Police Communications Bureau												✓		✓		✓															
Kurtz, Jack	Project Engineer	NYC Transit					✓																										
Kuttle, Steve		New England Communications Systems, Incorporated																								✓							
Kuzma, Scott	Captain	Woodbridge Police Department																												✓			
Lawrence, Victor	Associate Dean & Professor	Stevens Institute of Technology																												✓			
Leifer, Morton, P.E.	Electronics Communications Specialist	Clarkstown Police Department																												✓	✓	✓	✓
Leonard, Tom	Radio Engineer	New York State Police	✓	✓	✓	✓	✓					✓																			✓		
LePage, Travis	Project Engineer	NYSTEC											✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Lepinski, Mark	Lieutenant	Bergen County Police Department											✓	✓	✓																	✓	
Link, Kenneth J.	Communications Systems Analyst	Morris County Department of Law and Public Safety			✓	✓	✓	✓	✓	✓	✓																						
Lombardo, Kevin	Senior Engineering Manager	800 Transition Administrator																														✓	
Louit, Gerard	Project Administrator	NYC Transit						✓	✓	✓	✓				✓	✓	✓						✓	✓	✓				✓				

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008
Lucido, Paul	Communications Department	NYPD																											✓				
Lyons, Margaret	Director	RCC Consultants					✓		✓	✓																							
Madsen, Peter J.	Project Manager	Port Authority of NY/NJ												✓	✓	✓	✓																
Magee, Jim	ASM	Tyco Electronics											✓	✓																✓			
Manion, Robert	Project Manager	NYSTEC	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓																			
Martinez-Bradwell, Maribel	President	R&J Telecom, Inc.						✓	✓	✓	✓						✓	✓		✓	✓					✓							
Masciadrelli, John	Telecommunications Engineer	Connecticut DPS																											✓	✓	✓		
Matson, Mark		Connecticut State Police																✓															
Maugeu, Ron	Consultant	Fleetalk Management																													✓		
McArthur, Donald	Lieutenant	Westchester County Police	✓	✓	✓	✓	✓	✓	✓	✓	✓																						
McDonald, D/Chief Stephen J.	CO Support - Technical	Nassau County Police Department	✓							✓																							
Mead, Barbara	Account Executive	M/A-COM																												✓	✓	✓	
Meade, Mr. Peter W.	Assistant Fire Marshal	Nassau County Fire Commission	✓	✓														✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Meagher, Scott	Engineer	NYSTEC																													✓		

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008
Melendez, Felix	Director -Citywide Radio Network Operations and FCC Licensing Support	New York City Department of Information Technology and Telecommunications	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Melia, Lt. Anthony	Communications Officer & APCO frequency advisor	Essex County Sheriff's Dept Office of the Chief	✓		✓	✓		✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
Mihlbauer, Bret	Program Manager	Motorola																										✓	✓				
Miranda, Oscar		Celplan/WCA												✓																			
Mitchell, Lawrence	Radio Engineer	New York State Emergency Management Office															✓																
Mitchell, Walt		Alcatel													✓																		
Mojica, Aristides	Captain	Suffolk County Police Department					✓																										
Morton, Leifer	Project Engineer - Electronic Communication Specialist	Clarkstown Police Department																									✓						
Moy, Philip	Systems Engineer	Motorola																											✓	✓			
Mui, Ping	Radio Technician	NYC Department Of Transportation																															
Muller, Karl	Communications Coordinator	Clarkstown Police Department																													✓		
Murphy, D/I William	CO Communications Bureau	Suffolk County Police Department																															

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008
Napolitano, Jerry	Market Specialist	Motorola																								✓	✓				✓		
Nestor, Jody	Interoperability Coordinator	Public-Safety Communications Office																									✓	✓	✓				
NG, Nan	Project Engineer	New York City Transit																															
O'Hara, Sean	Research and Communications Engineer	Syracuse Research Corporation (NYS)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
Opee, Beatrice	Engineer	NYSTEC																									✓	✓	✓	✓			
Oza, Miraj	System Engineer	Motorola						✓	✓																								
Padilla, Juan	Solutions Architect	Motorola																															
Pair, Steven		CBS-TV																															
Peterson, John		New York State Department of Health														✓																	
Pohorilak, George	Director	DPS Office of Statewide Emergency Telecommunications	✓			✓	✓									✓	✓										✓						
Pollak, Richard	Sr. Sales Engineer	Motorola																															
Quinn, Myles P.	Chief of Operations	Suffolk County Fire Rescue	✓	✓	✓	✓	✓	✓	✓	✓	✓																	✓	✓				
Raffaelli, Thomas	Project Coordinator Radio	Westchester County			✓	✓					✓	✓					✓	✓											✓				
Raghunandan, Krishnamurthy	Construction Administrator - Wireless	NYC Transit															✓	✓	✓									✓	✓				

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008		
Ramadan, Nagah	Executive Vice President	RCC Consultants																								✓	✓								
Ramos, Pablo	9-1-1 Coordinator	Rockland County																✓							✓	✓	✓								
Redding, Robert	Director of Intelligent Transportation Systems	MTA Bridges and Tunnels																									✓								
Reiner, Craig A.	Director	State of New Jersey Office of Information Technology																										✓	✓						
Reitz, Ken		Motorola																																	
Revankar, Vijay	Project Engineer	Port Authority of NY/NJ														✓																			
Revis, Mark	Associate Director	RCC Consultants														✓																			
Rhodes, Yorke		IBM																✓	✓																
Rinehart, Bette		Motorola														✓	✓	✓																	
Rivera, Darlene	Project Engineer	NYCTA Communications Engineering																										✓							
Robertson, John	Director	New York City Department of Information Technology and Telecommunications														✓	✓	✓	✓	✓	✓	✓	✓	✓						✓					
Rocco, John	Sr. Account Manager	Motorola														✓	✓	✓																	
Rodriguez, Francis	Senior Consultant	RCC Consultants															✓	✓										✓							

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008
Romano, Mark	Project Manager	NYSTEC															✓											✓					
Santaniello, John	Senior Account Manager	Motorola	✓				✓			✓	✓	✓	✓																				
Schlieman, Robert F.	Assistant Director - Engineering	NYS Office for Technology, Statewide Wireless Network	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Schram, Phil		Motorola																	✓														
Schwartz, Andy	Director	New Jersey Transit																	✓			✓	✓						✓				
Scotto, Ron	Engineer	Island Broadcasting							✓	✓																							
Sena, Kevin		MCM Technology																											✓				
Shakarjian, Mikel	Project Manager	NYS OFT Statewide Wireless Network																✓															
Sheehan, James		Paramus Police Department																	✓	✓													
Shuler, Thomas H.	Managing Consultant	SSI Services, Inc., Eastern Region Office	✓	✓																								✓					
Simmons, Leon		NYC DOT																															
Simonetti, Raymond	Manager of Communications	Port Authority of NY/NJ Public Safety Department								✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Smith, Conroy	Project Engineer	New York City Department of Information Technology and Telecommunications									✓									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008
Smith, Sgt. Donald	Technical Services	Westchester County Correctional Department Technical Services	✓						✓																								
Snyder, David		Snyder & Snyder, L.L.P.													✓																		
Speidel, Robert J.	Manager Regulatory Programs	Tyco Electronics			✓																												
Stanford, Annemarie	DSM	Tyco Electronics							✓	✓		✓	✓								✓	✓	✓	✓				✓		✓			
Stemmer, Mike		Connecticut State Police																		✓													
Stern, David	Vice President	V-Comm															✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Stile, Vincent R.	Project Assistant	NYS Office for Technology, Statewide Wireless Network	✓	✓	✓	✓			✓		✓															✓	✓	✓	✓	✓			
Stogner, Warren		Eastern Communications			✓																												
Tedona, John	Senior Account Manager	Motorola																															
Tedona, John		Motorola																															
Tenney, Richard		Invertix Corporation															✓																
Testa, Anthony		IBM														✓																	
Thornton, Michael	AM	Flarion Technologies								✓	✓																						

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008
Thorpe, Stephen	Supervising Communications Technician (Ret.), Bureau of Telecommunications	County of Union														✓	✓			✓	✓	✓	✓		✓			✓	✓				
Touroonjian, Richard	Director	RCC Consultants							✓																								
Tuttle, Chris	Emergency Operations Manager	Port Authority of New York/New Jersey OEM														✓																	
Valatkavage, John	Engineering Group Leader	Motorola	✓																														
Vallarelli, John M.	Lieutenant - Project Manager	MTA Police Department											✓															✓					
Varghese, Mariam	System Engineer	Motorola					✓	✓																									
Vaughan, Corey	Consultant	NYSTEC											✓	✓	✓	✓																	
Vaughan, Don	Senior Engineer	NYSTEC					✓						✓	✓	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓					
Velez, Ed	Manager of Radio Systems	New Jersey Transit																										✓	✓	✓			
Vogel, Emil T.	Principal Engineer	Vogel Consulting Group, Incorporated	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Volk, Michael	Chief, EMS Communications	Westchester County Department of Emergency Services																											✓				
Walsh, Lt. Neil		NYC Police Department		✓	✓																												

# FCC Region 8 - 700-MHz Plan

Regional Planning Committee



Name	Title	Organization	5/1/ 2002	11/6/2002	2/25 2003	6/25 2003	9/10 2003	11/6 2003	1/8 2004	4/6 2004	6/22 2004	11/3 2004	3/2 2005	5/11/2005	6/21/2005	8/9/2005	9/20/2005	11/14/2005	12/22/2005	2/02/2006	3/23/2006	5/2/2006	6/20/2006	8/15/2006	10/17/2006	12/19/2006	2/27/2007	5/1/2007	7/10/2007	9/18/2007	11/13/2007	1/15/2008	3/18/2008
Walsh, Mike	Director	NYSTEC							✓	✓				✓	✓	✓	✓	✓															
Walsh, Stephanie		Motorola		✓					✓	✓	✓																✓	✓					
Warhol, Dan	Lieutenant	Union County OEM																												✓			
Weinberg, Capt. Kenneth		Motorola																															
Westmoreland, Doug	Consultant	NYSTEC																✓															
Williams, Doug	Regional Manager	Tyco Electronics			✓														✓														
Williams, Ilse		NYC Department Of Transportation																															
Williams, Tom	Consultant	Fleettalk/Sprint																												✓			
Withington, Paul		Lockheed Martin																✓															
Wolfe, Michael	Technical Services	Warren County																✓	✓	✓	✓	✓											
Wright, Scott	Telecommunications Engineer	State of Connecticut DPS																												✓			
Yurman, Joseph	Principal Engineer	NYC Transit Authority			✓	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Zarwanski, Jerry	Telecommunications Engineer	DPS Office of Statewide Emergency Telecommunications		✓		✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Zito, Paul	Telecommunications Engineer	Connecticut DPS																											✓	✓			



## APPENDIX C, REGION 8 POPULATION DATA

### New York State Counties<sup>21</sup>

County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
<b>Bronx County</b>	New York	1,354,068	1,343,698	10,370	0.8
New York city (pt.)	New York	1,354,068	1,343,698	10,370	0.8
<b>Dutchess County</b>	New York	287,752	284,270	3,482	1.2
Beacon city	New York	13,954	13,875	79	0.6
Fishkill village	New York	1,753	1,750	3	0.2
Millbrook village	New York	1,498	1,473	25	1.7
Millerton village	New York	935	935	-	-
Pawling village	New York	2,253	2,242	11	0.5
Poughkeepsie city	New York	30,073	29,959	114	0.4
Red Hook village	New York	1,822	1,819	3	0.2
Rhinebeck village	New York	3,105	3,097	8	0.3
Tivoli village	New York	1,175	1,172	3	0.3
Wappingers Falls village	New York	4,983	4,956	27	0.5
Balance of Dutchess County	New York	226,201	222,992	3,209	1.4
<b>Kings County</b>	New York	2,488,194	2,479,923	8,271	0.3
New York city (pt.)	New York	2,488,194	2,479,923	8,271	0.3
<b>Nassau County</b>	New York	1,344,892	1,339,301	5,591	0.4
Atlantic Beach village	New York	1,993	1,988	5	0.3
Baxter Estates village	New York	1,009	1,008	1	0.1
Bayville village	New York	7,172	7,154	18	0.3
Bellerose village	New York	1,171	1,170	1	0.1
Brookville village	New York	3,392	3,373	19	0.6
Cedarhurst village	New York	6,165	6,156	9	0.1
Centre Island village	New York	446	443	3	0.7
Cove Neck village	New York	302	299	3	1.0

<sup>21</sup> Note: Dash (-) represents zero or rounds to zero. (X) represents blank values.

Data Source: Population Division, U.S. Census Bureau - Release Date: July 10, 2003

Table SUB-EST2002-11-36-New York Incorporated Place Population Estimates and Population Change, Sorted within County: July 1, 2001 to July 1, 2002

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
East Hills village	New York	6,860	6,842	18	0.3
East Rockaway village	New York	10,397	10,378	19	0.2
East Williston village	New York	2,505	2,501	4	0.2
Farmingdale village	New York	8,531	8,440	91	1.1
Floral Park village	New York	15,974	15,939	35	0.2
Flower Hill village	New York	4,538	4,517	21	0.5
Freeport village	New York	43,978	43,772	206	0.5
Garden City village	New York	21,700	21,660	40	0.2
Glen Cove city	New York	26,886	26,760	126	0.5
Great Neck village	New York	9,640	9,590	50	0.5
Great Neck Estates village	New York	2,766	2,755	11	0.4
Great Neck Plaza village	New York	6,787	6,619	168	2.5
Hempstead village	New York	53,474	53,342	132	0.2
Hewlett Bay Park village	New York	492	488	4	0.8
Hewlett Harbor village	New York	1,277	1,274	3	0.2
Hewlett Neck village	New York	515	511	4	0.8
Island Park village	New York	4,774	4,748	26	0.5
Kensington village	New York	1,209	1,207	2	0.2
Kings Point village	New York	5,169	5,127	42	0.8
Lake Success village	New York	2,835	2,818	17	0.6
Lattingtown village	New York	1,872	1,858	14	0.8
Laurel Hollow village	New York	1,971	1,952	19	1.0
Lawrence village	New York	6,555	6,529	26	0.4
Long Beach city	New York	35,593	35,482	111	0.3
Lynbrook village	New York	19,933	19,895	38	0.2
Malverne village	New York	8,942	8,927	15	0.2
Manorhaven village	New York	6,253	6,197	56	0.9
Massapequa Park village	New York	17,555	17,505	50	0.3
Matinecock village	New York	850	838	12	1.4
Mill Neck village	New York	839	830	9	1.1
Mineola village	New York	19,283	19,235	48	0.2
Munsey Park village	New York	2,637	2,632	5	0.2
Muttontown village	New York	3,508	3,480	28	0.8
New Hyde Park village	New York	9,563	9,542	21	0.2
North Hills village	New York	4,347	4,336	11	0.3

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



<b>County and Local</b>	<b>State</b>	<b>July 1, 2002 Population</b>	<b>July 1, 2001 Population</b>	<b>Numerical Population Change</b>	<b>Percent Population Change</b>
Old Brookville village	New York	2,205	2,187	18	0.8
Old Westbury village	New York	4,412	4,354	58	1.3
Oyster Bay Cove village	New York	2,279	2,270	9	0.4
Plandome village	New York	1,282	1,277	5	0.4
Plandome Heights village	New York	971	970	1	0.1
Plandome Manor village	New York	854	841	13	1.5
Port Washington North village	New York	2,709	2,703	6	0.2
Rockville Centre village	New York	24,573	24,537	36	0.1
Roslyn village	New York	2,593	2,586	7	0.3
Roslyn Estates village	New York	1,221	1,216	5	0.4
Roslyn Harbor village	New York	1,048	1,040	8	0.8
Russell Gardens village	New York	1,074	1,073	1	0.1
Saddle Rock village	New York	801	799	2	0.3
Sands Point village	New York	2,844	2,818	26	0.9
Sea Cliff village	New York	5,073	5,056	17	0.3
South Floral Park village	New York	1,584	1,577	7	0.4
Stewart Manor village	New York	1,934	1,932	2	0.1
Thomaston village	New York	2,613	2,604	9	0.3
Upper Brookville village	New York	1,862	1,829	33	1.8
Valley Stream village	New York	36,433	36,351	82	0.2
Westbury village	New York	14,370	14,323	47	0.3
Williston Park village	New York	7,260	7,250	10	0.1
Woodsburgh village	New York	829	829	-	-
Balance of Nassau County	New York	832,410	828,762	3,648	0.4
<b>New York County</b>	New York	<b>1,546,856</b>	<b>1,549,009</b>	<b>-2,153</b>	<b>-0.1</b>
New York city (pt.)	New York	1,546,856	1,549,009	-2,153	-0.1
<b>Orange County</b>	New York	<b>356,773</b>	<b>349,480</b>	<b>7,293</b>	<b>2.1</b>
Chester village	New York	3,501	3,474	27	0.8
Cornwall on Hudson village	New York	3,109	3,086	23	0.7
Florida village	New York	2,691	2,625	66	2.5
Goshen village	New York	5,801	5,769	32	0.6
Greenwood Lake village	New York	3,443	3,422	21	0.6
Harriman village	New York	2,277	2,265	12	0.5
Highland Falls village	New York	3,759	3,741	18	0.5
Kiryas Joel village	New York	14,904	13,799	1,105	8.0

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



<b>County and Local</b>	<b>State</b>	<b>July 1, 2002 Population</b>	<b>July 1, 2001 Population</b>	<b>Numerical Population Change</b>	<b>Percent Population Change</b>
Maybrook village	New York	3,976	3,731	245	6.6
Middletown city	New York	25,775	25,553	222	0.9
Monroe village	New York	8,033	7,988	45	0.6
Montgomery village	New York	3,903	3,803	100	2.6
Newburgh city	New York	28,382	28,288	94	0.3
Otisville village	New York	1,014	997	17	1.7
Port Jervis city	New York	9,100	8,866	234	2.6
Tuxedo Park village	New York	733	731	2	0.3
Unionville village	New York	548	538	10	1.9
Walden village	New York	6,528	6,290	238	3.8
Warwick village	New York	6,531	6,466	65	1.0
Washingtonville village	New York	6,226	6,063	163	2.7
Balance of Orange County	New York	216,539	211,985	4,554	2.1
<b>Putnam County</b>	New York	98,257	97,125	1,132	1.2
Brewster village	New York	2,170	2,167	3	0.1
Cold Spring village	New York	1,991	1,990	1	0.1
Nelsonville village	New York	573	568	5	0.9
Balance of Putnam County	New York	93,523	92,400	1,123	1.2
Queens County	New York	2,237,815	2,238,024	-209	-
New York city (pt.)	New York	2,237,815	2,238,024	-209	-
Richmond County	New York	457,383	451,373	6,010	1.3
New York city (pt.)	New York	457,383	451,373	6,010	1.3
<b>Rockland County</b>	New York	291,835	289,430	2,405	0.8
Airmont village	New York	8,319	7,832	487	6.2
Chestnut Ridge village	New York	7,883	7,857	26	0.3
Grand View-on-Hudson village	New York	290	288	2	0.7
Haverstraw village	New York	10,153	10,131	22	0.2
Hillburn village	New York	885	881	4	0.5
Kaser village	New York	3,453	3,444	9	0.3
Montebello village	New York	3,710	3,701	9	0.2
New Hempstead village	New York	4,796	4,784	12	0.3
New Square village	New York	5,305	4,977	328	6.6
Nyack village	New York	6,768	6,749	19	0.3
Piermont village	New York	2,621	2,609	12	0.5
Pomona village	New York	2,841	2,766	75	2.7

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



<b>County and Local</b>	<b>State</b>	<b>July 1, 2002 Population</b>	<b>July 1, 2001 Population</b>	<b>Numerical Population Change</b>	<b>Percent Population Change</b>
Sloatsburg village	New York	3,140	3,128	12	0.4
South Nyack village	New York	3,507	3,497	10	0.3
Spring Valley village	New York	25,573	25,515	58	0.2
Suffern village	New York	11,046	11,023	23	0.2
Upper Nyack village	New York	1,891	1,883	8	0.4
Wesley Hills village	New York	5,000	4,937	63	1.3
West Haverstraw village	New York	10,318	10,260	58	0.6
Balance of Rockland County	New York	174,336	173,168	1,168	0.7
<b>Suffolk County</b>	New York	<b>1,458,655</b>	<b>1,443,299</b>	<b>15,356</b>	<b>1.1</b>
Amityville village	New York	9,559	9,497	62	0.7
Asharoken village	New York	640	635	5	0.8
Babylon village	New York	12,713	12,679	34	0.3
Belle Terre village	New York	837	836	1	0.1
Bellport village	New York	2,382	2,378	4	0.2
Brightwaters village	New York	3,291	3,283	8	0.2
Dering Harbor village	New York	13	13	-	-
East Hampton village	New York	1,354	1,347	7	0.5
Greenport village	New York	2,063	2,057	6	0.3
Head of the Harbor village	New York	1,501	1,493	8	0.5
Huntington Bay village	New York	1,504	1,502	2	0.1
Islandia village	New York	3,109	3,096	13	0.4
Lake Grove village	New York	10,591	10,423	168	1.6
Lindenhurst village	New York	28,048	27,969	79	0.3
Lloyd Harbor village	New York	3,734	3,717	17	0.5
Nissequogue village	New York	1,572	1,568	4	0.3
North Haven village	New York	821	797	24	3.0
Northport village	New York	7,685	7,651	34	0.4
Ocean Beach village	New York	140	140	-	-
Old Field village	New York	989	971	18	1.9
Patchogue village	New York	12,026	11,983	43	0.4
Poquott village	New York	990	986	4	0.4
Port Jefferson village	New York	7,964	7,932	32	0.4
Quogue village	New York	1,058	1,040	18	1.7
Sag Harbor village	New York	2,362	2,340	22	0.9
Saltaire village	New York	44	44	-	-

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



<b>County and Local</b>	<b>State</b>	<b>July 1, 2002 Population</b>	<b>July 1, 2001 Population</b>	<b>Numerical Population Change</b>	<b>Percent Population Change</b>
Shoreham village	New York	422	419	3	0.7
Southampton village	New York	4,055	4,031	24	0.6
Village of the Branch village	New York	1,968	1,929	39	2.0
Westhampton Beach village	New York	1,943	1,931	12	0.6
West Hampton Dunes village	New York	15	14	1	7.1
Balance of Suffolk County	New York	1,333,262	1,318,598	14,664	1.1
<b>Sullivan County</b>	New York	74,273	74,048	225	0.3
Bloomingburg village	New York	352	353	-1	-0.3
Jeffersonville village	New York	415	417	-2	-0.5
Liberty village	New York	3,931	3,951	-20	-0.5
Monticello village	New York	6,455	6,482	-27	-0.4
Woodridge village	New York	939	922	17	1.8
Wurtsboro village	New York	1,234	1,237	-3	-0.2
Balance of Sullivan County	New York	60,947	60,686	261	0.4
<b>Ulster County</b>	New York	179,986	178,372	1,614	0.9
Ellenville village	New York	4,118	4,106	12	0.3
Kingston city	New York	23,347	23,289	58	0.2
New Paltz village	New York	6,419	6,372	47	0.7
Saugerties village	New York	3,915	3,889	26	0.7
Balance of Ulster County	New York	142,187	140,716	1,471	1.0
<b>Westchester County</b>	New York	937,279	932,748	4,531	0.5
Ardsley village	New York	4,315	4,292	23	0.5
Briarcliff Manor village	New York	7,814	7,738	76	1.0
Bronxville village	New York	6,546	6,552	-6	-0.1
Buchanan village	New York	2,217	2,217	-	-
Croton-on-Hudson village	New York	7,696	7,684	12	0.2
Dobbs Ferry village	New York	10,956	10,843	113	1.0
Elmsford village	New York	4,722	4,703	19	0.4
Harrison village	New York	24,951	24,671	280	1.1
Hastings-on-Hudson village	New York	7,735	7,739	-4	-0.1
Irvington village	New York	6,675	6,665	10	0.2
Larchmont village	New York	6,488	6,494	-6	-0.1
Mamaroneck village	New York	18,833	18,827	6	-
Mount Kisco village	New York	10,064	10,039	25	0.2
Mount Vernon city	New York	68,615	68,621	-6	-

## FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
New Rochelle city	New York	72,472	72,483	-11	-
Ossining village	New York	24,138	24,097	41	0.2
Peekskill city	New York	23,077	22,857	220	1.0
Pelham village	New York	6,421	6,421	-	-
Pelham Manor village	New York	5,475	5,483	-8	-0.1
Pleasantville village	New York	7,202	7,203	-1	-
Port Chester village	New York	27,949	27,961	-12	-
Rye city	New York	15,092	15,041	51	0.3
Rye Brook village	New York	9,043	8,867	176	2.0
Scarsdale village	New York	17,958	17,920	38	0.2
Sleepy Hollow village	New York	9,283	9,265	18	0.2
Tarrytown village	New York	11,447	11,342	105	0.9
Tuckahoe village	New York	6,235	6,227	8	0.1
White Plains city	New York	55,394	54,116	1,278	2.4
Yonkers city	New York	197,234	197,181	53	-
Balance of Westchester County	New York	261,232	259,199	2,033	0.8

### New Jersey Counties<sup>22</sup>

County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
<b>Bergen County</b>	New Jersey	895,091	890,756	4,335	0.5
Allendale borough	New Jersey	6,788	6,785	3	-
Alpine borough	New Jersey	2,268	2,232	36	1.6
Bergenfield borough	New Jersey	26,215	26,212	3	-
Bogota borough	New Jersey	8,210	8,222	-12	-0.1
Carlstadt borough	New Jersey	5,973	5,948	25	0.4
Cliffside Park borough	New Jersey	22,954	22,968	-14	-0.1
Closter borough	New Jersey	8,484	8,437	47	0.6

<sup>22</sup> Note: Dash (-) represents zero or rounds to zero. (X) represents blank values.

Data Source: Population Division, U.S. Census Bureau - Release Date: July 10, 2003

Table SUB-EST2002-11-36-New York Incorporated Place Population Estimates and Population Change, Sorted within County: July 1, 2001 to July 1, 2002

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Cresskill borough	New Jersey	7,861	7,824	37	0.5
Demarest borough	New Jersey	4,901	4,870	31	0.6
Dumont borough	New Jersey	17,533	17,508	25	0.1
East Rutherford borough	New Jersey	8,713	8,707	6	0.1
Edgewater borough	New Jersey	9,220	8,894	326	3.7
Elmwood Park borough	New Jersey	18,961	18,926	35	0.2
Emerson borough	New Jersey	7,265	7,219	46	0.6
Englewood city	New Jersey	26,159	26,148	11	-
Englewood Cliffs borough	New Jersey	5,475	5,423	52	1.0
Fair Lawn borough	New Jersey	31,631	31,626	5	-
Fairview borough	New Jersey	13,363	13,308	55	0.4
Fort Lee borough	New Jersey	36,963	36,841	122	0.3
Franklin Lakes borough	New Jersey	11,055	10,575	480	4.5
Garfield city	New Jersey	29,765	29,761	4	-
Glen Rock borough	New Jersey	11,527	11,521	6	0.1
Hackensack city	New Jersey	43,525	43,463	62	0.1
Harrington Park borough	New Jersey	4,757	4,750	7	0.1
Hasbrouck Heights borough	New Jersey	11,647	11,649	-2	-
Haworth borough	New Jersey	3,407	3,391	16	0.5
Hillsdale borough	New Jersey	10,099	10,094	5	-
Ho-Ho-Kus borough	New Jersey	4,076	4,076	-	-
Leonia borough	New Jersey	8,888	8,893	-5	-0.1
Little Ferry borough	New Jersey	10,805	10,802	3	-
Lodi borough	New Jersey	24,141	24,013	128	0.5
Maywood borough	New Jersey	9,511	9,508	3	-
Midland Park borough	New Jersey	6,932	6,933	-1	-
Montvale borough	New Jersey	7,277	7,157	120	1.7
Moonachie borough	New Jersey	2,810	2,772	38	1.4
New Milford borough	New Jersey	16,386	16,381	5	-
North Arlington borough	New Jersey	15,220	15,202	18	0.1
Northvale borough	New Jersey	4,530	4,498	32	0.7
Norwood borough	New Jersey	6,131	6,107	24	0.4
Oakland borough	New Jersey	13,282	12,928	354	2.7
Old Tappan borough	New Jersey	5,694	5,587	107	1.9
Oradell borough	New Jersey	8,044	8,036	8	0.1

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Palisades Park borough	New Jersey	17,801	17,502	299	1.7
Paramus borough	New Jersey	26,275	25,915	360	1.4
Park Ridge borough	New Jersey	8,808	8,713	95	1.1
Ramsey borough	New Jersey	14,498	14,398	100	0.7
Ridgefield borough	New Jersey	10,929	10,885	44	0.4
Ridgefield Park village	New Jersey	12,823	12,839	-16	-0.1
Ridgewood village	New Jersey	24,877	24,885	-8	-
River Edge borough	New Jersey	10,988	10,971	17	0.2
Rockleigh borough	New Jersey	397	394	3	0.8
Rutherford borough	New Jersey	18,047	18,059	-12	-0.1
Saddle River borough	New Jersey	3,610	3,532	78	2.2
Tenafly borough	New Jersey	13,951	13,881	70	0.5
Teterboro borough	New Jersey	18	18	-	-
Upper Saddle River borough	New Jersey	8,096	7,761	335	4.3
Waldwick borough	New Jersey	9,608	9,608	-	-
Wallington borough	New Jersey	11,553	11,559	-6	-0.1
Westwood borough	New Jersey	11,016	11,011	5	-
Woodcliff Lake borough	New Jersey	5,840	5,804	36	0.6
Wood-Ridge borough	New Jersey	7,638	7,633	5	0.1
Balance of Bergen County	New Jersey	139,872	139,193	679	0.5
<b>Essex County</b>	New Jersey	798,301	795,573	2,728	0.3
Caldwell borough	New Jersey	7,667	7,611	56	0.7
East Orange city	New Jersey	69,750	69,702	48	0.1
Essex Fells borough	New Jersey	2,164	2,165	-1	-
Glen Ridge borough	New Jersey	7,230	7,247	-17	-0.2
Newark city	New Jersey	277,000	274,788	2,212	0.8
North Caldwell borough	New Jersey	7,403	7,395	8	0.1
Roseland borough	New Jersey	5,317	5,309	8	0.2
Balance of Essex County	New Jersey	421,770	421,356	414	0.1
<b>Hudson County</b>	New Jersey	611,439	614,061	-2,622	-0.4
Bayonne city	New Jersey	61,605	62,065	-460	-0.7
East Newark borough	New Jersey	2,362	2,382	-20	-0.8
Guttenberg town	New Jersey	11,075	11,099	-24	-0.2
Harrison town	New Jersey	14,378	14,490	-112	-0.8
Hoboken city	New Jersey	39,507	39,362	145	0.4

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Jersey City city	New Jersey	240,100	240,999	-899	-0.4
Kearny town	New Jersey	40,300	40,605	-305	-0.8
Secaucus town	New Jersey	15,882	15,980	-98	-0.6
Union City city	New Jersey	66,902	67,214	-312	-0.5
West New York town	New Jersey	46,884	47,094	-210	-0.4
Balance of Hudson County	New Jersey	72,444	72,771	-327	-0.4
<b>Hunterdon County</b>	New Jersey	125,795	123,989	1,806	1.5
Bloomsbury borough	New Jersey	886	885	1	0.1
Califon borough	New Jersey	1,053	1,054	-1	-0.1
Clinton town	New Jersey	2,630	2,632	-2	-0.1
Flemington borough	New Jersey	4,203	4,198	5	0.1
Frenchtown borough	New Jersey	1,501	1,497	4	0.3
Glen Gardner borough	New Jersey	1,956	1,932	24	1.2
Hampton borough	New Jersey	1,567	1,555	12	0.8
High Bridge borough	New Jersey	3,785	3,786	-1	-
Lambertville city	New Jersey	3,852	3,859	-7	-0.2
Lebanon borough	New Jersey	1,125	1,097	28	2.6
Milford borough	New Jersey	1,193	1,194	-1	-0.1
Stockton borough	New Jersey	561	559	2	0.4
Balance of Hunterdon Co.	New Jersey	101,483	99,741	1,742	1.7
<b>Mercer County</b>	New Jersey	359,463	355,432	4,031	1.1
Hightstown borough	New Jersey	5,299	5,278	21	0.4
Hopewell borough	New Jersey	2,049	2,040	9	0.4
Pennington borough	New Jersey	2,716	2,709	7	0.3
Princeton borough	New Jersey	14,235	14,215	20	0.1
Trenton city	New Jersey	85,650	85,566	84	0.1
Balance of Mercer County	New Jersey	249,514	245,624	3,890	1.6
<b>Middlesex County</b>	New Jersey	775,549	764,971	10,578	1.4
Carteret borough	New Jersey	21,640	21,470	170	0.8
Dunellen borough	New Jersey	6,947	6,887	60	0.9
Helmetta borough	New Jersey	1,905	1,882	23	1.2
Highland Park borough	New Jersey	14,225	14,123	102	0.7
Jamesburg borough	New Jersey	6,391	6,253	138	2.2
Metuchen borough	New Jersey	13,242	13,133	109	0.8
Middlesex borough	New Jersey	13,974	13,861	113	0.8

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Milltown borough	New Jersey	7,172	7,101	71	1.0
New Brunswick city	New Jersey	49,397	49,078	319	0.6
Perth Amboy city	New Jersey	48,143	47,732	411	0.9
Sayreville borough	New Jersey	41,768	41,186	582	1.4
South Amboy city	New Jersey	8,032	7,979	53	0.7
South Plainfield borough	New Jersey	22,896	22,129	767	3.5
South River borough	New Jersey	15,829	15,705	124	0.8
Spotswood borough	New Jersey	8,165	8,009	156	1.9
Balance of Middlesex County	New Jersey	495,823	488,443	7,380	1.5
<b>Monmouth County</b>	New Jersey	629,836	623,212	6,624	1.1
Allenhurst borough	New Jersey	709	709	-	-
Allentown borough	New Jersey	1,869	1,867	2	0.1
Asbury Park city	New Jersey	16,795	16,787	8	-
Atlantic Highlands borough	New Jersey	4,667	4,666	1	-
Avon-by-the-Sea borough	New Jersey	2,240	2,233	7	0.3
Belmar borough	New Jersey	6,005	5,995	10	0.2
Bradley Beach borough	New Jersey	4,792	4,776	16	0.3
Brielle borough	New Jersey	4,956	4,916	40	0.8
Deal borough	New Jersey	1,073	1,066	7	0.7
Eatontown borough	New Jersey	14,086	13,975	111	0.8
Englishtown borough	New Jersey	1,785	1,778	7	0.4
Fair Haven borough	New Jersey	5,963	5,924	39	0.7
Farmingdale borough	New Jersey	1,584	1,580	4	0.3
Freehold borough	New Jersey	11,507	11,485	22	0.2
Highlands borough	New Jersey	5,167	5,115	52	1.0
Interlaken borough	New Jersey	900	896	4	0.4
Keansburg borough	New Jersey	10,812	10,799	13	0.1
Keyport borough	New Jersey	7,519	7,514	5	0.1
Little Silver borough	New Jersey	6,153	6,134	19	0.3
Loch Arbour village	New Jersey	277	277	-	-
Long Branch city	New Jersey	31,571	31,343	228	0.7
Manasquan borough	New Jersey	6,364	6,316	48	0.8
Matawan borough	New Jersey	8,912	8,891	21	0.2
Monmouth Beach borough	New Jersey	3,614	3,596	18	0.5
Neptune City borough	New Jersey	5,205	5,196	9	0.2

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Oceanport borough	New Jersey	5,931	5,869	62	1.1
Red Bank borough	New Jersey	11,839	11,802	37	0.3
Roosevelt borough	New Jersey	937	930	7	0.8
Rumson borough	New Jersey	7,268	7,182	86	1.2
Sea Bright borough	New Jersey	1,804	1,803	1	0.1
Sea Girt borough	New Jersey	2,179	2,153	26	1.2
Shrewsbury borough	New Jersey	3,686	3,669	17	0.5
South Belmar borough	New Jersey	1,805	1,796	9	0.5
Spring Lake borough	New Jersey	3,658	3,611	47	1.3
Spring Lake Heights borough	New Jersey	5,252	5,225	27	0.5
Tinton Falls borough	New Jersey	15,709	15,595	114	0.7
Union Beach borough	New Jersey	6,773	6,746	27	0.4
West Long Branch borough	New Jersey	8,248	8,230	18	0.2
Balance of Monmouth Co.	New Jersey	390,222	384,767	5,455	1.4
<b>Morris County</b>	New Jersey	478,730	473,973	4,757	1.0
Boonton town	New Jersey	8,424	8,410	14	0.2
Butler borough	New Jersey	8,102	7,921	181	2.3
Chatham borough	New Jersey	8,436	8,414	22	0.3
Chester borough	New Jersey	1,654	1,641	13	0.8
Dover town	New Jersey	18,108	18,043	65	0.4
Florham Park borough	New Jersey	12,247	12,222	25	0.2
Kinnelon borough	New Jersey	9,447	9,363	84	0.9
Lincoln Park borough	New Jersey	10,867	10,853	14	0.1
Madison borough	New Jersey	15,356	15,318	38	0.2
Mendham borough	New Jersey	5,111	5,078	33	0.6
Morris Plains borough	New Jersey	5,221	5,211	10	0.2
Morristown town	New Jersey	18,831	18,766	65	0.3
Mountain Lakes borough	New Jersey	4,280	4,256	24	0.6
Mount Arlington borough	New Jersey	4,978	4,847	131	2.7
Netcong borough	New Jersey	3,282	3,194	88	2.8
Riverdale borough	New Jersey	2,537	2,499	38	1.5
Rockaway borough	New Jersey	6,431	6,418	13	0.2
Victory Gardens borough	New Jersey	1,533	1,530	3	0.2
Wharton borough	New Jersey	6,235	6,231	4	0.1
Balance of Morris County	New Jersey	327,650	323,758	3,892	1.2

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
<b>Passaic County</b>	New Jersey	496,646	494,094	2,552	0.5
Bloomingdale borough	New Jersey	7,688	7,660	28	0.4
Clifton city	New Jersey	79,626	79,417	209	0.3
Haledon borough	New Jersey	8,377	8,330	47	0.6
Hawthorne borough	New Jersey	18,349	18,315	34	0.2
North Haledon borough	New Jersey	8,033	7,990	43	0.5
Passaic city	New Jersey	68,445	68,253	192	0.3
Paterson city	New Jersey	150,750	150,106	644	0.4
Pompton Lakes borough	New Jersey	10,897	10,694	203	1.9
Prospect Park borough	New Jersey	5,800	5,797	3	0.1
Ringwood borough	New Jersey	12,625	12,525	100	0.8
Totowa borough	New Jersey	10,010	9,959	51	0.5
Wanaque borough	New Jersey	10,368	10,335	33	0.3
West Paterson borough	New Jersey	11,200	11,114	86	0.8
Balance of Passaic County	New Jersey	94,478	93,599	879	0.9
<b>Somerset County</b>	New Jersey	309,886	304,737	5,149	1.7
Bernardsville borough	New Jersey	7,558	7,481	77	1.0
Bound Brook borough	New Jersey	10,195	10,151	44	0.4
Far Hills borough	New Jersey	899	880	19	2.2
Manville borough	New Jersey	10,449	10,362	87	0.8
Millstone borough	New Jersey	420	417	3	0.7
North Plainfield borough	New Jersey	21,189	21,094	95	0.5
Peapack and Gladstone borough	New Jersey	2,466	2,449	17	0.7
Raritan borough	New Jersey	6,379	6,347	32	0.5
Rocky Hill borough	New Jersey	666	661	5	0.8
Somerville borough	New Jersey	12,460	12,410	50	0.4
South Bound Brook borough	New Jersey	4,516	4,493	23	0.5
Watchung borough	New Jersey	5,913	5,677	236	4.2
Balance of Somerset County	New Jersey	226,776	222,315	4,461	2.0
<b>Sussex County</b>	New Jersey	148,680	146,522	2,158	1.5
Andover borough	New Jersey	660	658	2	0.3
Branchville borough	New Jersey	845	845	-	-
Franklin borough	New Jersey	5,207	5,185	22	0.4
Hamburg borough	New Jersey	3,386	3,314	72	2.2

# FCC Region 8 – 700-MHz Plan

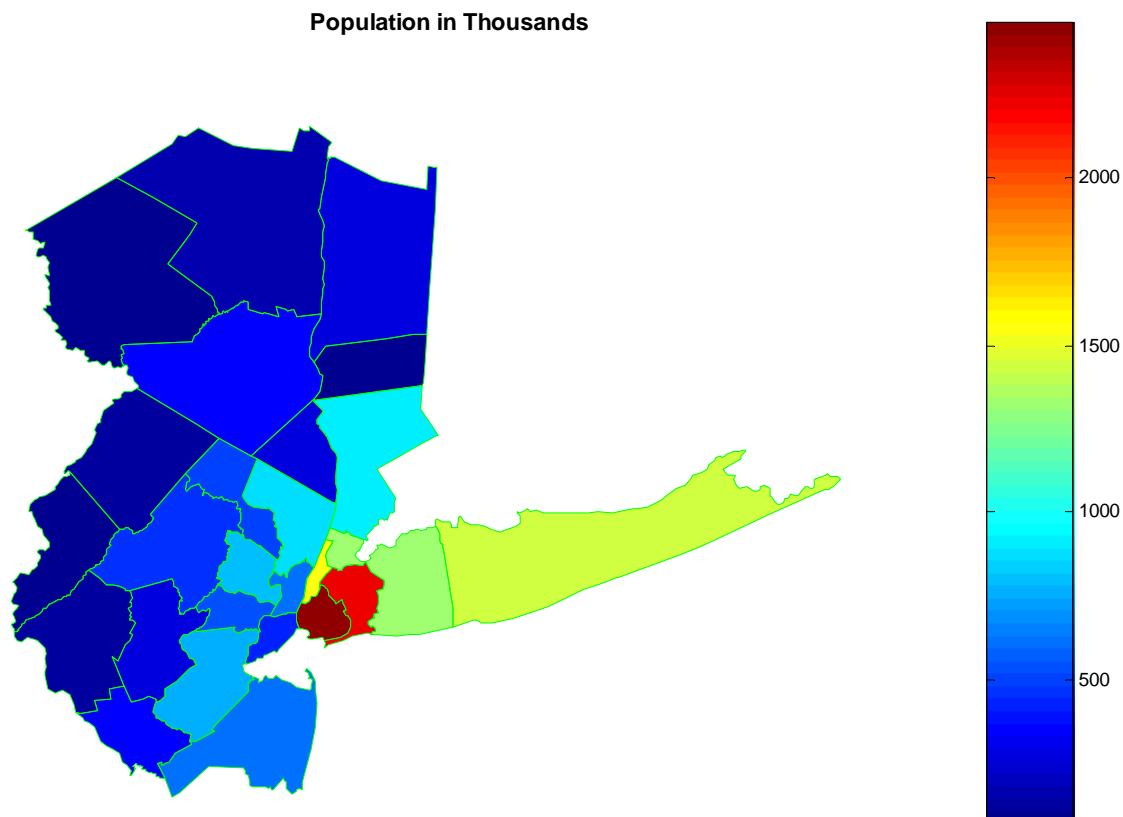
Regional Planning Committee



County and Local	State	July 1, 2002 Population	July 1, 2001 Population	Numerical Population Change	Percent Population Change
Hopatcong borough	New Jersey	15,980	15,941	39	0.2
Newton town	New Jersey	8,338	8,295	43	0.5
Ogdensburg borough	New Jersey	2,641	2,639	2	0.1
Stanhope borough	New Jersey	3,626	3,614	12	0.3
Sussex borough	New Jersey	2,158	2,150	8	0.4
Balance of Sussex County	New Jersey	105,839	103,881	1,958	1.9
<b>Union County</b>	New Jersey	530,763	527,479	3,284	0.6
Elizabeth city	New Jersey	123,279	122,223	1,056	0.9
Fanwood borough	New Jersey	7,283	7,229	54	0.7
Garwood borough	New Jersey	4,185	4,171	14	0.3
Kenilworth borough	New Jersey	7,769	7,728	41	0.5
Linden city	New Jersey	40,002	39,794	208	0.5
Mountainside borough	New Jersey	6,687	6,645	42	0.6
New Providence borough	New Jersey	12,045	11,989	56	0.5
Plainfield city	New Jersey	48,273	48,085	188	0.4
Rahway city	New Jersey	26,909	26,722	187	0.7
Roselle borough	New Jersey	21,539	21,457	82	0.4
Roselle Park borough	New Jersey	13,388	13,341	47	0.4
Summit city	New Jersey	21,335	21,239	96	0.5
Westfield town	New Jersey	30,028	29,851	177	0.6
Balance of Union County	New Jersey	168,041	167,005	1,036	0.6
<b>Warren County</b>	New Jersey	107,537	105,644	1,893	1.8
Alpha borough	New Jersey	2,498	2,493	5	0.2
Belvidere town	New Jersey	2,792	2,783	9	0.3
Hackettstown town	New Jersey	10,760	10,758	2	-
Phillipsburg town	New Jersey	15,245	15,244	1	-
Washington borough	New Jersey	6,777	6,736	41	0.6
Balance of Warren County	New Jersey	69,465	67,630	1,835	2.7



## APPENDIX D, REGION 8 POPULATION MAPS

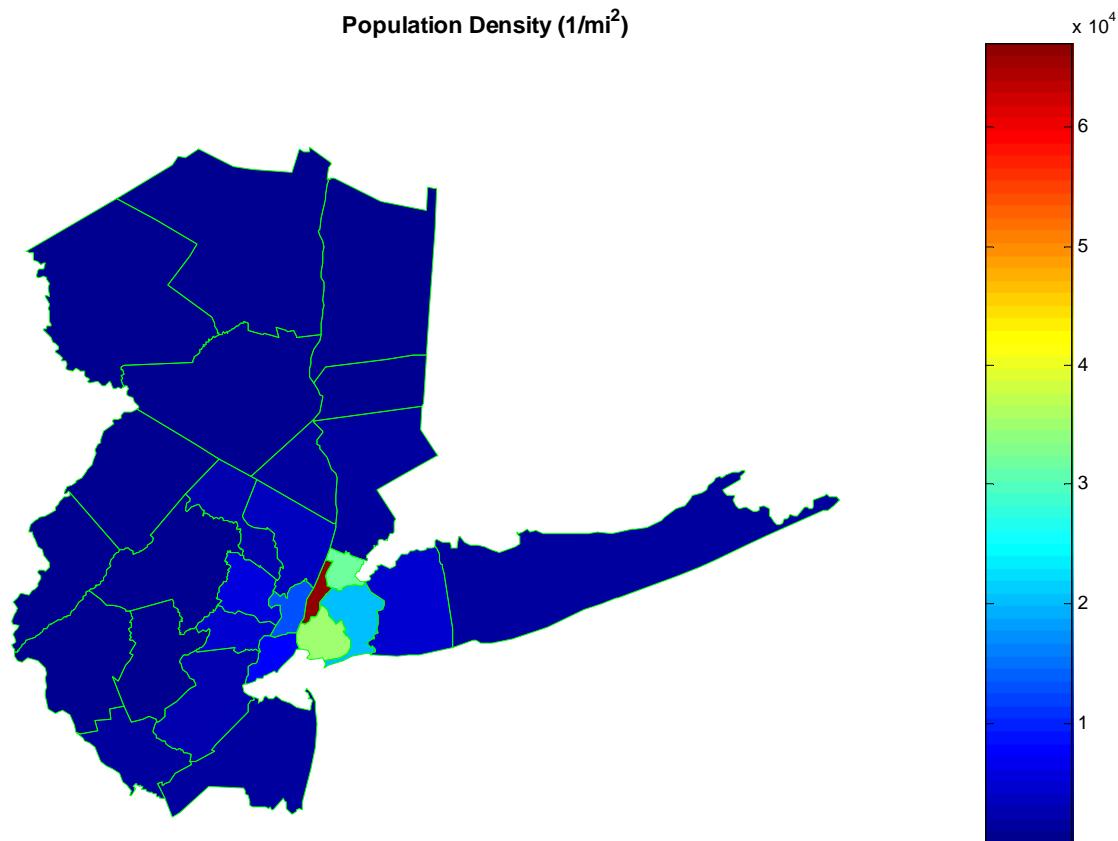


**Figure 15, Region 8 Population in Thousands<sup>23</sup>**

<sup>23</sup> Data Source: Population Division, U.S. Census Bureau - Release Date: July 10, 2003

## FCC Region 8 – 700-MHz Plan

Regional Planning Committee



**Figure 16, Region 8 Population Densities<sup>24</sup>**

---

<sup>24</sup> Data Source: Population Division, U.S. Census Bureau - Release Date: July 10, 2003



## APPENDIX E, APPLICATION PACKAGE CHECKLIST

As described in Section 6, Application Requirements, it is the applicant's responsibility to submit a complete application package to the RPC for evaluation. Applications may be dismissed and returned to the applicant if required information is not provided. The applicant will then have the option to complete and resubmit the application during the next filing window period.

Please refer to Table 15 for the items that constitute a complete application package.

**Table 15, Application Package Checklist**

✓	Item
	Completed FCC 601 form(s).
	Completed supplemental application requirements. Please refer to Appendix F, Supplemental Application Requirements.
	Completed Antenna Pattern Information Form for each antenna configuration employed (with azimuth and elevation patterns). Please refer to Appendix G.
	Completed Service Area Boundary Form. Please refer Appendix H.
	Signed Memorandum of Understanding (MOU) agreeing to implement system as proposed. Please refer to Appendix Q, Memorandum of Understanding.
	Coverage and interference prediction exhibits using Longley-Rice and adhering to the guidelines in TSB-88 (latest edition). Please refer to Section 9 for further details.
	Eight (8) hard copies of the complete application package. Please refer to Section 6.
	Eight (8) electronic copies <sup>25</sup> of the complete application package. Please refer to Section 6.

<sup>25</sup> Unless otherwise specified, the acceptable format will be CD-ROM or DVD-ROM. Other formats may be accepted upon written approval of the RPUC Chair.



This Page Intentionally Left Blank



## APPENDIX F, SUPPLEMENTAL APPLICATION REQUIREMENTS

Applicants must complete and provide the following supplemental information as part of their application package. In their responses, applicants should ensure that they address each of these questions in sufficient detail to allow for a matrix evaluation as detailed Section 7, Application Scoring Matrix. Incomplete responses shall directly result in a loss of points during the matrix-scoring process.

- 1) Explain why the 700-MHz General Use spectrum is needed and what public safety service(s) is (are) supported by the system(s).
- 2) Indicate the proposed system's degree of interoperability.
- 3) Indicate the system's loading capacity (the number of subscriber units per radio channel). This explanation shall include proposed system loading, including an inventory by service category. The applicant shall also specify the anticipated subscriber unit growth.
- 4) Specify the system configuration/design (simulcast, multicast, or stand alone/repeater).<sup>26</sup>
- 5) Indicate the spectral efficiency and gross data throughput vis-à-vis the channel bandwidth (if applicable) of the technology (trunking, 6.25 kHz, integrated voice and data system).
- 6) Explain any budgetary commitment and provide documentation indicating agency funding is sufficient to fund the development of the proposed system(s).
- 7) Explain the level of planning completed for the proposed system(s) and provide a timetable for implementing the communications system or systems.
- 8) Indicate the geographic efficiency of the proposed system(s) (ratio of subscriber units to area covered and level of channel reuse).
- 9) Indicate if any current channel holdings will be released if the application is granted and justify the retention of any presently licensed frequencies.
- 10) Explain how the system will interface with long-distance radio communications such as Amateur Radio, satellite communications, and/or long-range emergency preparedness communications systems.<sup>26</sup>
- 11) Indicate the transmit location (above ground, underground, or in-building).<sup>26</sup>
- 12) Indicate the system modulation type (FDMA, TDMA, OFDM).<sup>26</sup>

---

<sup>26</sup> Not assigned a point value in the application-scoring-matrix evaluation.



- 13) Provide details of all existing channels used by the applicant within 70 miles of the proposed system.<sup>26</sup>
- 14) If spectrum identified by the applicant does not conform to the CAPRAD<sup>27</sup> pre-allotment channel plan, supply engineering exhibits demonstrating that the pre-allotment channels can be preserved if the application is granted by the Committee.

---

<sup>27</sup> The channel allotments provided in this Plan reflect the repacking of CAPRAD as per the Second Report and Order, adopted on July 31, 2007, and this RPC's elections for channel block size, combiner separation, and capacity options.



## APPENDIX G, ANTENNA PATTERN INFORMATION FORM

This form must be completed using the Region 8 Antenna Pattern Information Form (refer to Table 16, Horizontal Antenna Pattern and Table 17, Vertical Antenna Pattern). Please visit the RPC 8 website<sup>28</sup> or contact the Region 8 Secretary to obtain an electronic version of the form.

### Instructions:

Please complete this form in full for each unique fixed-facility transmit antenna configuration (Antenna Number on the Form 601 Schedule-H) employed within the application. Be sure to include both the vertical and horizontal patterns with all gain units in dB and normalized to zero dBd at the main lobe.

This information supersedes the Schedule-H antenna information fields: Azimuth, Beam width, Polarization, and Gain.

### Horizontal Antenna Pattern:

Horizontal antenna pattern from 0° to 360° degrees, with 0° and 360° referenced at true North, and numbered clockwise (CW).

### Vertical Antenna Pattern:

Elevation antenna pattern from -180° to +180° with 0° referenced at the horizon.

**Table 16, Horizontal Antenna Pattern**

Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
0	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	

<sup>28</sup> <http://www.nys-rpc.org/>

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
78	
79	
80	
81	
82	
83	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	
101	
102	
103	
104	
105	
106	
107	
108	
109	
110	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
111	
112	
113	
114	
115	
116	
117	
118	
119	
120	
121	
122	
123	
124	
125	
126	
127	
128	
129	
130	
131	
132	
133	
134	
135	
136	
137	
138	
139	
140	
141	
142	
143	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
144	
145	
146	
147	
148	
149	
150	
151	
152	
153	
154	
155	
156	
157	
158	
159	
160	
161	
162	
163	
164	
165	
166	
167	
168	
169	
170	
171	
172	
173	
174	
175	
176	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
177	
178	
179	
180	
181	
182	
183	
184	
185	
186	
187	
188	
189	
190	
191	
192	
193	
194	
195	
196	
197	
198	
199	
200	
201	
202	
203	
204	
205	
206	
207	
208	
209	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
210	
211	
212	
213	
214	
215	
216	
217	
218	
219	
220	
221	
222	
223	
224	
225	
226	
227	
228	
229	
230	
231	
232	
233	
234	
235	
236	
237	
238	
239	
240	
241	
242	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
243	
244	
245	
246	
247	
248	
249	
250	
251	
252	
253	
254	
255	
256	
257	
258	
259	
260	
261	
262	
263	
264	
265	
266	
267	
268	
269	
270	
271	
272	
273	
274	
275	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
276	
277	
278	
279	
280	
281	
282	
283	
284	
285	
286	
287	
288	
289	
290	
291	
292	
293	
294	
295	
296	
297	
298	
299	
300	
301	
302	
303	
304	
305	
306	
307	
308	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
309	
310	
311	
312	
313	
314	
315	
316	
317	
318	
319	
320	
321	
322	
323	
324	
325	
326	
327	
328	
329	
330	
331	
332	
333	
334	
335	
336	
337	
338	
339	
340	
341	



Pattern Reference (degrees)	Normalized Horizontal Antenna Pattern (dBd)
342	
343	
344	
345	
346	
347	
348	
349	
350	
351	
352	
353	
354	
355	
356	
357	
358	
359	

Table 17, Vertical Antenna Pattern

Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
-180	
-179	
-178	
-177	
-176	
-175	
-174	
-173	
-172	
-171	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
-170	
-169	
-168	
-167	
-166	
-165	
-164	
-163	
-162	
-161	
-160	
-159	
-158	
-157	
-156	
-155	
-154	
-153	
-152	
-151	
-150	
-149	
-148	
-147	
-146	
-145	
-144	
-143	
-142	
-141	
-140	
-139	
-138	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
-137	
-136	
-135	
-134	
-133	
-132	
-131	
-130	
-129	
-128	
-127	
-126	
-125	
-124	
-123	
-122	
-121	
-120	
-119	
-118	
-117	
-116	
-115	
-114	
-113	
-112	
-111	
-110	
-109	
-108	
-107	
-106	
-105	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
-104	
-103	
-102	
-101	
-100	
-99	
-98	
-97	
-96	
-95	
-94	
-93	
-92	
-91	
-90	
-89	
-88	
-87	
-86	
-85	
-84	
-83	
-82	
-81	
-80	
-79	
-78	
-77	
-76	
-75	
-74	
-73	
-72	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
-71	
-70	
-69	
-68	
-67	
-66	
-65	
-64	
-63	
-62	
-61	
-60	
-59	
-58	
-57	
-56	
-55	
-54	
-53	
-52	
-51	
-50	
-49	
-48	
-47	
-46	
-45	
-44	
-43	
-42	
-41	
-40	
-39	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
-38	
-37	
-36	
-35	
-34	
-33	
-32	
-31	
-30	
-29	
-28	
-27	
-26	
-25	
-24	
-23	
-22	
-21	
-20	
-19	
-18	
-17	
-16	
-15	
-14	
-13	
-12	
-11	
-10	
-9	
-8	
-7	
-6	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
-5	
-4	
-3	
-2	
-1	
0	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	

## FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
61	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
94	
95	
96	
97	
98	
99	
100	
101	
102	
103	
104	
105	
106	
107	
108	
109	
110	
111	
112	
113	
114	
115	
116	
117	
118	
119	
120	
121	
122	
123	
124	
125	
126	

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
127	
128	
129	
130	
131	
132	
133	
134	
135	
136	
137	
138	
139	
140	
141	
142	
143	
144	
145	
146	
147	
148	
149	
150	
151	
152	
153	
154	
155	
156	
157	
158	
159	

## FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Pattern Reference (degrees)	Normalized Vertical Antenna Pattern (dBd)
160	
161	
162	
163	
164	
165	
166	
167	
168	
169	
170	
171	
172	
173	
174	
175	
176	
177	
178	
179	
180	



This Page Intentionally Left Blank



## APPENDIX H, SERVICE AREA BOUNDARY FORM

This form must be completed using the Region 8 Service Area Boundary Form (please refer to Table 18, Service Area Boundary Form). Please visit the RPC 8 website<sup>29</sup> or contact the Region 8 Secretary to obtain an electronic version of the form.

### Instructions:

This worksheet provides the service area boundary information required by the RPC for all applications for 700-MHz utilization. The applicant should select EITHER a county (or state) boundary from the drop-down list OR enter latitude and longitude values in decimal degrees corresponding to the boundary. These points can be taken off a map or exported by most mapping and/or Geographic Information System (GIS) programs.

This information supersedes the Form 601 Schedule-D information for Radius of Operation (Line 18). Region 8 shall define radius of operation as the service area boundary plus an additional 5-mile (8-km) buffer region.

**Table 18, Service Area Boundary Form**

Select Boundary Input Type	
NJ/NY Counties or States	Click to Select County or State
Other Boundary (NAD-83 Coordinates)	
Latitude (dd)	Longitude (dd)

<sup>29</sup> <http://www.nys-rpc.org/>

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Select Boundary Input Type	
NJ/NY Counties or States	<a href="#">Click to Select County or State</a>
Other Boundary (NAD-83 Coordinates)	
Latitude (dd)	Longitude (dd)

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Select Boundary Input Type	
NJ/NY Counties or States	Click to Select County or State
Other Boundary (NAD-83 Coordinates)	
Latitude (dd)	Longitude (dd)

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Select Boundary Input Type	
NJ/NY Counties or States	Click to Select County or State
Other Boundary (NAD-83 Coordinates)	
Latitude (dd)	Longitude (dd)

## FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Select Boundary Input Type	
NJ/NY Counties or States	Click to Select County or State
Other Boundary (NAD-83 Coordinates)	
Latitude (dd)	Longitude (dd)



This Page Intentionally Left Blank



## APPENDIX I, 700-MHz CHANNEL ALLOTMENT POOL AS DEFINED IN CAPRAD<sup>30</sup>

As previously cited, the channel allotments provided in this Plan reflect the repacking of CAPRAD as per the Second Report and Order, adopted on July 31, 2007, and this RPC's elections for channel block size, combiner separation, and capacity options. Please refer to Table 19, which follows, for the channel block size, combiner spacing, and capacity options RPC 30 chose to employ for the repacked channel allotments.

**Table 19, Channel Repacking Parameters**

Channel Block Size	Combiner Separation	Capacity Option
25-kHz	125-kHz	Population Model

**Table 20, Region 8 Channel Allotment Pool for New Jersey Counties**

County	Class	Band Width	Center Frequency (MHz)	FCC Channel Number
<b>Bergen</b>	General Use	25-kHz	770.61250	257-260
	General Use	25-kHz	771.56250	409-412
	General Use	25-kHz	772.43750	549-552
	General Use	25-kHz	772.98750	637-640
	General Use	25-kHz	773.23750	677-680
	General Use	25-kHz	774.38750	861-864
	General Use	25-kHz	774.73750	917-920
<b>Essex</b>	General Use	25-kHz	770.03750	165-168
	General Use	25-kHz	771.21250	353-356
	General Use	25-kHz	771.71250	433-436
	General Use	25-kHz	772.08750	493-496
	General Use	25-kHz	772.88750	621-624
	General Use	25-kHz	773.91250	785-788
<b>Hudson</b>	General Use	25-kHz	769.76250	121-124
	General Use	25-kHz	770.76250	281-284
	General Use	25-kHz	771.88750	461-464
	General Use	25-kHz	772.26250	521-524
	General Use	25-kHz	774.63750	901-904

<sup>30</sup> <http://caprad.nlectc.du.edu/cp/index.jsp>

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County	Class	Band Width	Center Frequency (MHz)	FCC Channel Number
<b>Hunterdon</b>	General Use	25-kHz	770.28750	205-208
	General Use	25-kHz	771.38750	381-384
	General Use	25-kHz	772.53750	565-568
	General Use	25-kHz	72.91250	625-628
	General Use	25-kHz	773.38750	701-704
<b>Mercer</b>	General Use	25-kHz	771.03750	325-328
	General Use	25-kHz	771.31250	369-372
	General Use	25-kHz	771.58750	413-416
	General Use	25-kHz	772.03750	485-488
	General Use	25-kHz	772.41250	545-548
	General Use	25-kHz	773.68750	749-752
	General Use	25-kHz	774.71250	913-916
<b>Middlesex</b>	General Use	25-kHz	769.53750	85-88
	General Use	25-kHz	770.08750	173-176
	General Use	25-kHz	770.58750	253-256
	General Use	25-kHz	771.16250	345-348
	General Use	25-kHz	771.78750	445-448
	General Use	25-kHz	772.18750	509-512
	General Use	25-kHz	772.68750	589-592
	General Use	25-kHz	774.46250	873-876
<b>Monmouth</b>	General Use	25-kHz	769.78750	125-128
	General Use	25-kHz	771.23750	357-360
	General Use	25-kHz	771.53750	405-408
	General Use	25-kHz	772.46250	553-556
	General Use	25-kHz	773.43750	709-712
	General Use	25-kHz	773.96250	793-796
	General Use	25-kHz	774.21250	833-836
<b>Morris</b>	General Use	25-kHz	769.28750	45-48
	General Use	25-kHz	770.78750	285-288
	General Use	25-kHz	771.28750	365-368
	General Use	25-kHz	772.01250	481-484
	General Use	25-kHz	772.38750	541-544
<b>Passaic</b>	General Use	25-kHz	769.08750	13-16
	General Use	25-kHz	770.53750	245-248

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County	Class	Band Width	Center Frequency (MHz)	FCC Channel Number
	General Use	25-kHz	771.46250	393-396
	General Use	25-kHz	772.33750	533-536
	General Use	25-kHz	772.76250	601-604
Somerset	General Use	25-kHz	769.58750	93-96
	General Use	25-kHz	770.83750	293-296
	General Use	25-kHz	771.86250	457-460
	General Use	25-kHz	772.23750	517-520
	General Use	25-kHz	772.96250	633-636
	General Use	25-kHz	774.41250	865-868
Sussex	General Use	25-kHz	769.33750	53-56
	General Use	25-kHz	772.13750	501-504
	General Use	25-kHz	772.63750	581-584
	General Use	25-kHz	773.21250	673-676
	General Use	25-kHz	773.71250	753-756
Union	General Use	25-kHz	770.26250	201-204
	General Use	25-kHz	771.41250	385-388
	General Use	25-kHz	772.73750	597-600
	General Use	25-kHz	773.46250	713-716
	General Use	25-kHz	774.68750	909-912
Warren	General Use	25-kHz	769.81250	129-132
	General Use	25-kHz	770.86250	297-300
	General Use	25-kHz	771.33750	373-376
	General Use	25-kHz	771.61250	417-420
	General Use	25-kHz	773.13750	661-664

Table 21, Region 8 Channel Allotment Pool for New York State Counties

County	Class	Band Width	Center Frequency (MHz)	FCC Channel Number
Bronx	General Use	25-kHz	769.26250	41-44
	General Use	25-kHz	769.81250	129-132
	General Use	25-kHz	770.28750	205-208
	General Use	25-kHz	771.31250	369-372
	General Use	25-kHz	771.81250	449-452

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County	Class	Band Width	Center Frequency (MHz)	FCC Channel Number
	General Use	25-kHz	772.21250	513-516
	General Use	25-kHz	772.71250	593-596
	General Use	25-kHz	773.48750	717-720
	General Use	25-kHz	773.93750	789-792
	General Use	25-kHz	774.18750	829-832
Dutchess	General Use	25-kHz	769.31250	49-52
	General Use	25-kHz	770.78750	285-288
	General Use	25-kHz	771.28750	365-368
	General Use	25-kHz	772.46250	553-556
	General Use	25-kHz	772.81250	609-612
	General Use	25-kHz	773.18750	669-672
	General Use	25-kHz	773.63750	741-744
	General Use	25-kHz	774.68750	909-912
Kings	General Use	25-kHz	769.31250	49-52
	General Use	25-kHz	769.56250	89-92
	General Use	25-kHz	770.11250	177-180
	General Use	25-kHz	770.56250	249-252
	General Use	25-kHz	770.81250	289-292
	General Use	25-kHz	771.01250	321-324
	General Use	25-kHz	771.26250	361-364
	General Use	25-kHz	771.51250	401-404
	General Use	25-kHz	771.76250	441-444
	General Use	25-kHz	772.31250	529-532
	General Use	25-kHz	772.56250	569-572
	General Use	25-kHz	772.81250	609-612
	General Use	25-kHz	773.18750	669-672
	General Use	25-kHz	773.63750	741-744
Nassau	General Use	25-kHz	773.98750	797-800
	General Use	25-kHz	774.43750	869-872
	General Use	25-kHz	770.36250	217-220
	General Use	25-kHz	771.13750	341-344
	General Use	25-kHz	771.38750	381-384
	General Use	25-kHz	771.63750	421-424
	General Use	25-kHz	771.91250	465-468

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County	Class	Band Width	Center Frequency (MHz)	FCC Channel Number
New York	General Use	25-kHz	772.03750	485-488
	General Use	25-kHz	772.41250	545-548
	General Use	25-kHz	773.41250	705-708
	General Use	25-kHz	774.66250	905-908
	General Use	25-kHz	774.91250	945-948
	General Use	25-kHz	769.51250	81-84
	General Use	25-kHz	770.33750	213-216
	General Use	25-kHz	771.11250	337-340
	General Use	25-kHz	771.36250	377-380
	General Use	25-kHz	771.61250	417-420
Orange	General Use	25-kHz	771.93750	469-472
	General Use	25-kHz	772.16250	505-508
	General Use	25-kHz	772.66250	585-588
	General Use	25-kHz	773.13750	661-664
	General Use	25-kHz	773.38750	701-704
Putnam	General Use	25-kHz	773.73750	757-760
	General Use	25-kHz	774.23750	837-840
	General Use	25-kHz	774.88750	941-944
	General Use	25-kHz	769.78750	125-128
	General Use	25-kHz	771.16250	345-348
Queens	General Use	25-kHz	772.18750	509-512
	General Use	25-kHz	772.68750	589-592
	General Use	25-kHz	774.46250	873-876
	General Use	25-kHz	770.83750	293-296
	General Use	25-kHz	771.86250	457-460
	General Use	25-kHz	772.23750	517-520
Queens	General Use	25-kHz	772.96250	633-636
	General Use	25-kHz	773.43750	709-712
	General Use	25-kHz	769.11250	17-20
	General Use	25-kHz	769.36250	57-60
	General Use	25-kHz	769.61250	97-100
	General Use	25-kHz	769.86250	137-140
Queens	General Use	25-kHz	770.06250	169-172
	General Use	25-kHz	770.86250	297-300

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County	Class	Band Width	Center Frequency (MHz)	FCC Channel Number
	General Use	25-kHz	771.18750	349-352
	General Use	25-kHz	771.43750	389-392
	General Use	25-kHz	771.68750	429-432
	General Use	25-kHz	771.98750	477-480
	General Use	25-kHz	772.36250	537-540
	General Use	25-kHz	772.61250	577-580
	General Use	25-kHz	772.86250	617-620
	General Use	25-kHz	773.88750	781-784
	General Use	25-kHz	774.48750	877-880
Richmond	General Use	25-kHz	771.06250	329-332
	General Use	25-kHz	771.83750	453-456
	General Use	25-kHz	772.51250	561-564
	General Use	25-kHz	772.93750	629-632
	General Use	25-kHz	774.13750	821-824
Rockland	General Use	25-kHz	771.66250	425-428
	General Use	25-kHz	772.06250	489-492
	General Use	25-kHz	772.58750	573-576
	General Use	25-kHz	772.83750	613-616
	General Use	25-kHz	773.16250	665-668
Suffolk	General Use	25-kHz	769.83750	133-136
	General Use	25-kHz	770.31250	209-212
	General Use	25-kHz	770.51250	241-244
	General Use	25-kHz	771.08750	333-336
	General Use	25-kHz	771.33750	373-376
	General Use	25-kHz	771.58750	413-416
	General Use	25-kHz	771.96250	473-476
	General Use	25-kHz	772.28750	525-528
	General Use	25-kHz	772.53750	565-568
	General Use	25-kHz	772.91250	625-628
	General Use	25-kHz	773.66250	745-748
	General Use	25-kHz	774.16250	825-828
	General Use	25-kHz	774.71250	913-916
Sullivan	General Use	25-kHz	769.26250	41-44
	General Use	25-kHz	769.51250	81-84

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



County	Class	Band Width	Center Frequency (MHz)	FCC Channel Number
Ulster	General Use	25-kHz	769.83750	133-136
	General Use	25-kHz	770.51250	241-244
	General Use	25-kHz	771.06250	329-332
	General Use	25-kHz	771.31250	369-372
	General Use	25-kHz	771.88750	461-464
	General Use	25-kHz	772.73750	597-600
	General Use	25-kHz	773.91250	785-788
	General Use	25-kHz	774.71250	913-916
	General Use	25-kHz	769.36250	57-60
	General Use	25-kHz	769.61250	97-100
	General Use	25-kHz	770.03750	165-168
	General Use	25-kHz	770.36250	217-220
	General Use	25-kHz	771.01250	321-324
	General Use	25-kHz	771.43750	389-392
Westchester	General Use	25-kHz	771.58750	413-416
	General Use	25-kHz	771.83750	453-456
	General Use	25-kHz	772.03750	485-488
	General Use	25-kHz	772.28750	525-528
	General Use	25-kHz	772.53750	565-568
	General Use	25-kHz	772.86250	617-620
	General Use	25-kHz	773.48750	717-720
	General Use	25-kHz	774.23750	837-840
	General Use	25-kHz	774.91250	945-948
	General Use	25-kHz	770.01250	161-164
	General Use	25-kHz	771.03750	325-328
	General Use	25-kHz	771.48750	397-400
	General Use	25-kHz	771.73750	437-440
	General Use	25-kHz	772.11250	497-500
	General Use	25-kHz	772.48750	557-560
	General Use	25-kHz	772.78750	605-608
	General Use	25-kHz	773.68750	749-752

## FCC Region 8 – 700-MHz Plan

Regional Planning Committee



This Page Intentionally Left Blank



## APPENDIX J, FLOWCHART SYMBOL LEGEND

**Table 22, Symbol Legend<sup>31</sup> for Application Review Flowchart**

Symbol	Use
	The Connector symbol represents the exit to, or entry from, another part of the same flow chart. It is used to break a flow line that will be continued elsewhere.
	The Manual Operation symbol in this flowchart indicates the first event in the process.
	The Preparation symbol represents a modification or instance of a process.
	The Process symbol represents any process, function, or calculation.
	The Decision symbol is a junction at which decision must be made. A single entry may have any number of alternative solutions, but only one can be chosen.
	The Off-page connector symbols are used to indicate the flow chart continues on another page.
	The Activity symbol represents an action taken by the RPC or the FCC.
	The Stored Data symbol indicates the assigned point values that are summed to determine the total service point value the applicant shall receive.

<sup>31</sup> Reference: Patton & Patton Software Corporation – *Basic Flowchart Symbols*



This Page Intentionally Left Blank



## APPENDIX K, ADJACENT REGION CONCURRENCE APPROVAL REQUESTS<sup>32</sup>

### Region 19, New England

**NEW YORK/NEW JERSEY  
FCC Region 8 700-MHz  
REGIONAL PLANNING COMMITTEE**



FCC N.J. N.Y.

Peter Meade, Chairman  
Assistant Fire Marshal  
Fire & Rescue Services  
Nassau County Fire Commission  
140 15<sup>th</sup> Street  
Mineola, NY 11501

February 12, 2007

Mr. George J. Pohorilak  
Chairman - Region 19 700- & 800-MHz Planning Committees  
Office of Statewide Emergency Telecommunications  
1111 Country Club Road  
Middletown, Connecticut 06457-9294  
PH: 860-685-8108  
FX: 860-685-8363  
Email: george.pohorilak@po.state.ct.us

Regarding: WTB Docket 02-378: Interregional Concurrence Request for the Region<sup>1</sup> 8 700-MHz Public-Safety Communications Plan

Dear Mr. Pohorilak:

On July 27, 2006 the Region 8 Committee submitted its proposed 700-MHz Public-Safety Communications Plan for the General Use channels in the 764-776/794-806 MHz frequency band to Region 19 for concurrence in accordance with the FCC rules.

In addition to the contents of the Plan, Region 8 hereby submits the following addenda for concurrence:

- A revised Interregional Frequency-Coordination and Dispute-Resolution Procedure;
- A methodology to manage "Orphan Channels"<sup>2</sup>; and
- An explanation of why Region 8 proposes to use the Longley-Rice propagation model for coverage and interference-prediction.

<sup>1</sup> Region 8, the New York – Metropolitan area, consists not only of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties in New York, but also of Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties in New Jersey.

<sup>2</sup> A channel remaining from a 25-kHz bandwidth when a 12.5 or 6.25 kHz portion of the full channel is allotted for operation. Channels allotted that are less than 25-kHz wide are taken from the top-edge or the bottom edge of the 25-kHz channel block.

<sup>32</sup> At the time the adjacent-region concurrence process commenced, Mr. Peter W. Meade served as the RPC Chairperson.

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Enclosed herewith please find the above mentioned addenda. The Regional Plan and addenda may also be retrieved electronically from the New York State Regional Planning Committee Website by following the steps below:

## Instructions for electronically retrieving the Region 8 Plan and Addenda

1. Set your web browser to the following URL:  
<http://www.nys-rpc.org/>
2. Locate the "Region 8" toolbar;
3. Select the "700-MHz Document Library" option;
4. Download the Regional Plan and addenda; and
5. Print the documents if desired.

Alternatively, members of the Computer Assisted Pre-coordination Resource and Database (CAPRAD) may download the Plan and Addenda from the CAPRAD website.

Region 8 would like to expedite your approval of the Regional Plan. Should Region 19 have questions, comments, and concerns regarding specific areas of the Plan, please notify me at your earliest possible convenience. We could arrange for representatives from Region 8 to attend the next Region 19 meeting to walk you through the Plan and to address your concerns.

Region 8 greatly appreciates your effort in expediting this process.

Respectfully submitted,

A handwritten signature in black ink that reads "Peter Meade".

Peter Meade, Chairman Region 8 700 & 800-MHz Planning Committees  
Assistant Fire Marshal  
Fire and Rescue Services  
Nassau County Fire Commission  
140 15th Street  
Mineola NY 11501  
PH: 516-571-6400  
FX: 516-571-6407  
Email: [pmeade@nassaucountyny.gov](mailto:pmeade@nassaucountyny.gov)

Enclosures  
PWM/TCL

Page 2 of 2

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



## Region 28, Eastern Pennsylvania (East of Harrisburg, Southern NJ & DE)

### NEW YORK/NEW JERSEY FCC Region 8 700-MHz REGIONAL PLANNING COMMITTEE



Peter Meade, Chairman  
Assistant Fire Marshal  
Fire & Rescue Services  
Nassau County Fire Commission  
140 15<sup>th</sup> Street  
Mineola, NY 11501

February 12, 2007

Mr. Richard R. Reynolds  
Chairman - Region 28 700 & 800-MHz Planning Committees  
Department of Technology and Information  
801 Silver Lake Boulevard  
Dover, Delaware 19904-2407  
PH: 302-739-9648  
FX: 302-739-7243  
Email: Richard.Reynolds@state.de.us

Regarding: WTB Docket 02-378: Interregional Concurrence Request for the Region<sup>1</sup> 8 700-MHz Public-Safety Communications Plan

Dear Mr. Reynolds:

On July 27, 2006 the Region 8 Committee submitted its proposed 700-MHz Public-Safety Communications Plan for the General Use channels in the 764-776/794-806 MHz frequency band to Region 28 for concurrence in accordance with the FCC rules.

In addition to the contents of the Plan, Region 8 hereby submits the following addenda for concurrence:

- A revised Interregional Frequency-Coordination and Dispute-Resolution Procedure;
- A methodology to manage “Orphan Channels<sup>2</sup>,” and
- An explanation of why Region 8 proposes to use the Longley-Rice propagation model for coverage and interference-prediction.

<sup>1</sup> Region 8, the New York – Metropolitan area, consists not only of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties in New York, but also of Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties in New Jersey.

<sup>2</sup> A channel remaining from a 25-kHz bandwidth when a 12.5 or 6.25 kHz portion of the full channel is allotted for operation. Channels allotted that are less than 25-kHz wide are taken from the top-edge or the bottom edge of the 25-kHz channel block.

## FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Enclosed herewith please find the above mentioned addenda. The Regional Plan and addenda may also be retrieved electronically from the New York State Regional Planning Committee Website by following the steps below:

### Instructions for electronically retrieving the Region 8 Plan and Addenda

1. Set your web browser to the following URL:  
<http://www.nys-rpc.org/>
2. Locate the "Region 8" toolbar;
3. Select the "700-MHz Document Library" option;
4. Download the Regional Plan and addenda; and
5. Print the documents if desired.

Alternatively, members of the Computer Assisted Pre-coordination Resource and Database (CAPRAD) may download the Plan and Addenda from the CAPRAD website.

Region 8 would like to expedite your approval of the Regional Plan. Should Region 28 have questions, comments, and concerns regarding specific areas of the Plan, please notify me at your earliest possible convenience. We could arrange for representatives from Region 8 to attend the next Region 28 meeting to walk you through the Plan and to address your concerns.

Region 8 greatly appreciates your effort in expediting this process.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Peter Meade".

Peter Meade, Chairman Region 8 700 & 800-MHz Planning Committees  
Assistant Fire Marshal  
Fire and Rescue Services  
Nassau County Fire Commission  
140 15th Street  
Mineola NY 11501  
PH: 516-571-6400  
FX: 516-571-6407  
Email: [pmeade@nassaucounty.ny.gov](mailto:pmeade@nassaucounty.ny.gov)

# FCC Region 8 – 700-MHz Plan

Regional Planning Committee



## Region 30, Eastern Upstate New York

### NEW YORK/NEW JERSEY FCC Region 8 700-MHz REGIONAL PLANNING COMMITTEE



Peter Meade, Chairman  
Assistant Fire Marshal  
Fire & Rescue Services  
Nassau County Fire Commission  
140 15<sup>th</sup> Street  
Mineola, NY 11501

February 12, 2007

David A. Cook  
Chairman - Region 30 700 & 800-MHz Planning Committees  
NYS Office for Technology - SWN Project Office  
74 North Pearl Street  
Kenmore Building, 2nd Floor  
Albany, New York 12207-2721  
Telephone: (518) 486-1035  
FAX: (518) 474-7529  
Email: david.cook@oft.state.ny.us

Regarding: WTB Docket 02-378: Interregional Concurrence Request for the Region<sup>1</sup> 8  
700-MHz Public-Safety Communications Plan

Dear Mr. Cook:

On July 27, 2006 the Region 8 Committee submitted its proposed 700-MHz Public-Safety Communications Plan for the General Use channels in the 764-776/794-806 MHz frequency band to Region 30 for concurrence in accordance with the FCC rules.

In addition to the contents of the Plan, Region 8 hereby submits the following addenda for concurrence:

- A revised Interregional Frequency-Coordination and Dispute-Resolution Procedure;
- A methodology to manage "Orphan Channels"<sup>2</sup>; and
- An explanation of why Region 8 proposes to use the Longley-Rice propagation model for coverage and interference-prediction.

<sup>1</sup> Region 8, the New York – Metropolitan area, consists not only of Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, Ulster, Dutchess, and Westchester Counties in New York, but also of Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union, Warren, Middlesex, Somerset, Hunterdon, Mercer, and Monmouth Counties in New Jersey.

<sup>2</sup> A channel remaining from a 25-kHz bandwidth when a 12.5 or 6.25 kHz portion of the full channel is allotted for operation. Channels allotted that are less than 25-kHz wide are taken from the top-edge or the bottom edge of the 25-kHz channel block.

## FCC Region 8 – 700-MHz Plan

Regional Planning Committee



Enclosed herewith please find the above mentioned addenda. The Regional Plan and addenda may also be retrieved electronically from the New York State Regional Planning Committee Website by following the steps below:

### Instructions for electronically retrieving the Region 8 Plan and Addenda

1. Set your web browser to the following URL:  
<http://www.nys-ipc.org/>
2. Locate the "Region 8" toolbar;
3. Select the "700-MHz Document Library" option;
4. Download the Regional Plan and addenda; and
5. Print the documents if desired.

Alternatively, members of the Computer Assisted Pre-coordination Resource and Database (CAPRAD) may download the Plan and Addenda from the CAPRAD website.

Region 8 would like to expedite your approval of the Regional Plan Addenda. Should Region 30 have questions, comments, and concerns regarding specific areas of the Plan, please notify me at your earliest possible convenience. We could arrange for representatives from Region 8 to attend the next Region 30 meeting to walk you through the Plan and to address your concerns.

Region 8 greatly appreciates your effort in expediting this process.

Respectfully submitted,

A handwritten signature in black ink that reads "Peter Meade".

Peter Meade, Chairman Region 8 700 & 800-MHz Planning Committees  
Assistant Fire Marshal  
Fire and Rescue Services  
Nassau County Fire Commission  
140 15th Street  
Mineola NY 11501  
PH: 516-571-6400  
FX: 516-571-6407  
Email: [pmeade@nassaucountyny.gov](mailto:pmeade@nassaucountyny.gov)

Enclosures  
PWM/TCL

Page 2 of 2



## APPENDIX L, ADJACENT-REGION CONCURRENCE APPROVALS<sup>33</sup>

### Region 19, New England

*The New England  
700 MHz Committee  
Region 19*

May 1, 2007

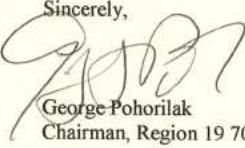
Mr. Peter W. Meade, Region 8 700MHz Chairman  
Nassau County Fire Commission  
140 15<sup>th</sup> Street  
Mineola, NY 11501

Dear Chairman Meade:

On March 13, 2007 the New England Region 19 700MHz Committee identified as an Agenda item Region 8 and Region 30 request for concurrence of its modified 700MHz plans. The changes to the plan were presented to members of the Region 19 700MHz Committee and questions were addressed by members of your committee, Mr. Sean O'Hara and Mr. Travis LePage. At the conclusion of discussion, a motion was raised to accept the changes to your plan and approve your Region's 700MHz Plan as modified. The motion was passed unanimously.

By this letter, the New England Region 19 700MHz Committee concurs with your Region's 700MHz Plan as modified.

Should you have any questions, please call me at 860-685-8108.

Sincerely,  
  
George Pohorilak  
Chairman, Region 19 700MHz

File: D.12

c/o Office of Statewide Emergency Telecommunications  
P. O. Box 2794  
1111 Country Club Road  
Middletown, CT 06457-9294  
Phone: (860) 685-8080 E-mail: [oset@po.state.ct.us](mailto:oset@po.state.ct.us) Website: <http://www.NER700MHz.org>

<sup>33</sup> At the time the adjacent-region concurrence process commenced, Mr. Peter W. Meade served as the RPC Chairperson.



This Page Intentionally Left Blank